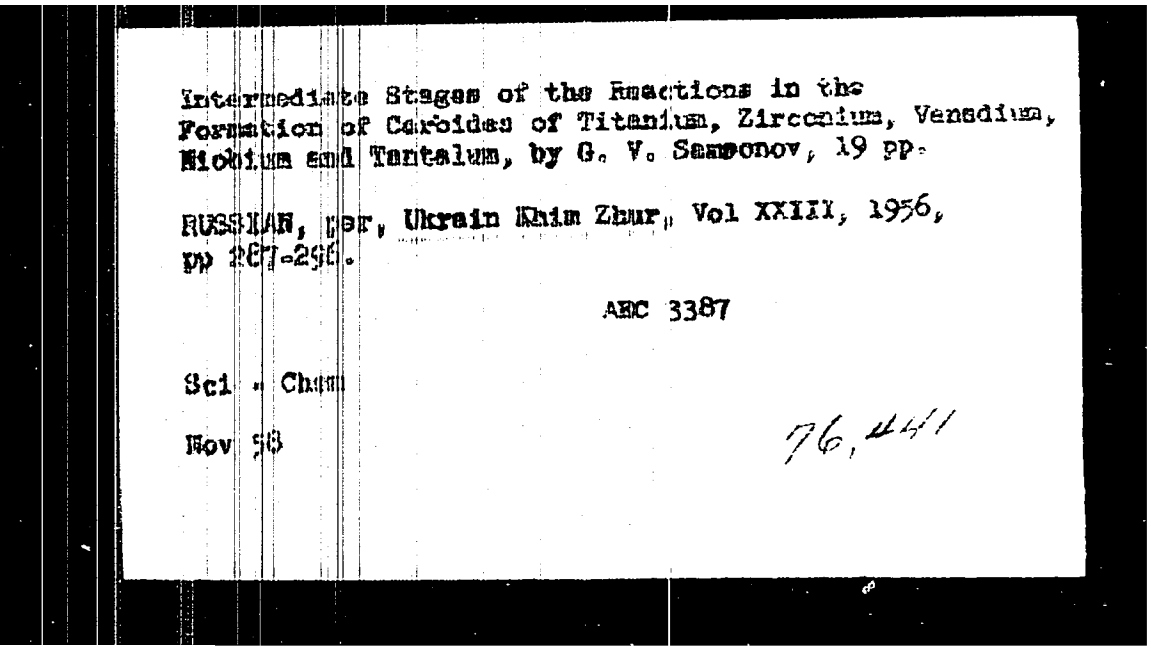
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Intermediate Stages of the Reactions in the Formation of Carbides of Titanium, Zirconium, Vanadium, Niobium and Tantalum, by G. V. Samsonov, 19 pp.

RUSSIAN, Per, Ukrain Khim Zhur, Vol XXIII, 1956, pp 287-296.

AEC 3387

Sci - Chem

Nov 58

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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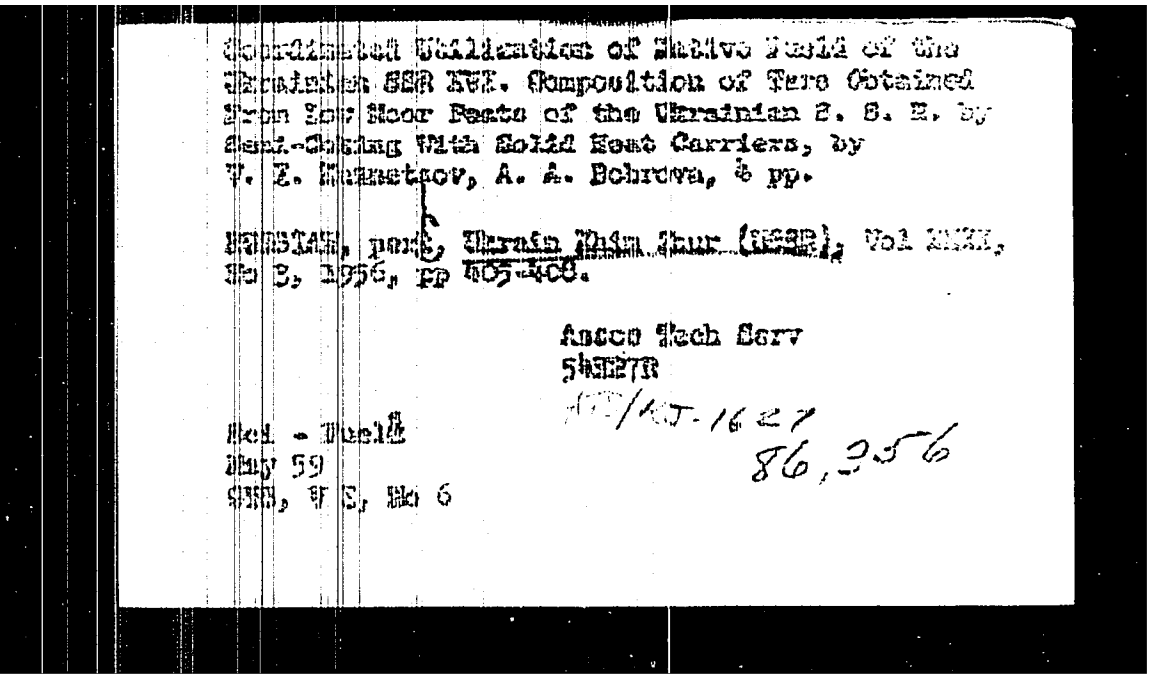

Coordinated Utilization of Native Fuels of the Ukrainian SSR XVI. Composition of Tars Obtained From Low Rank Coals of the Ukrainian S. S. R. by Semi-Coking With Solid Heat Carriers, by V. Z. Mamatov, A. A. Schirova, 6 pp.

KHIMIYA, part 6, Ukrain Khim Zhur (USSR), Vol XXII, No 3, 1956, pp 305-310.

Ansco Tech Serv
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AEC/AEC-1627
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Rel - Unrlf
Aug 59
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Photometric Determination of Small Quantities of Beryllium in Aluminum Alloys, by L. P. Adamovich, M. V. Yutsis.

RUSSIAN, per, Ukrainskiy Khimicheskiy Zhurnal. Vol XXII, No 4, 1956, pp 523-526.

NF Rpt 187

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Synthesis and Properties of Dimercapto Derivatives of Alkylsulfonic Acids, I. Synthesis of Sodium 2, 3 Dimercaptopropyl-Sulfonate (Unithiol) and Sodium 2 Mercapto Ethyl Sulfonate, by V. E. Petrun'kin, 15 p.

RUBOTAW, per, Ukrainskiy Khim Zhur, 1956, Vol XXII, No 5, pp 603-607.

SLA 59-20155

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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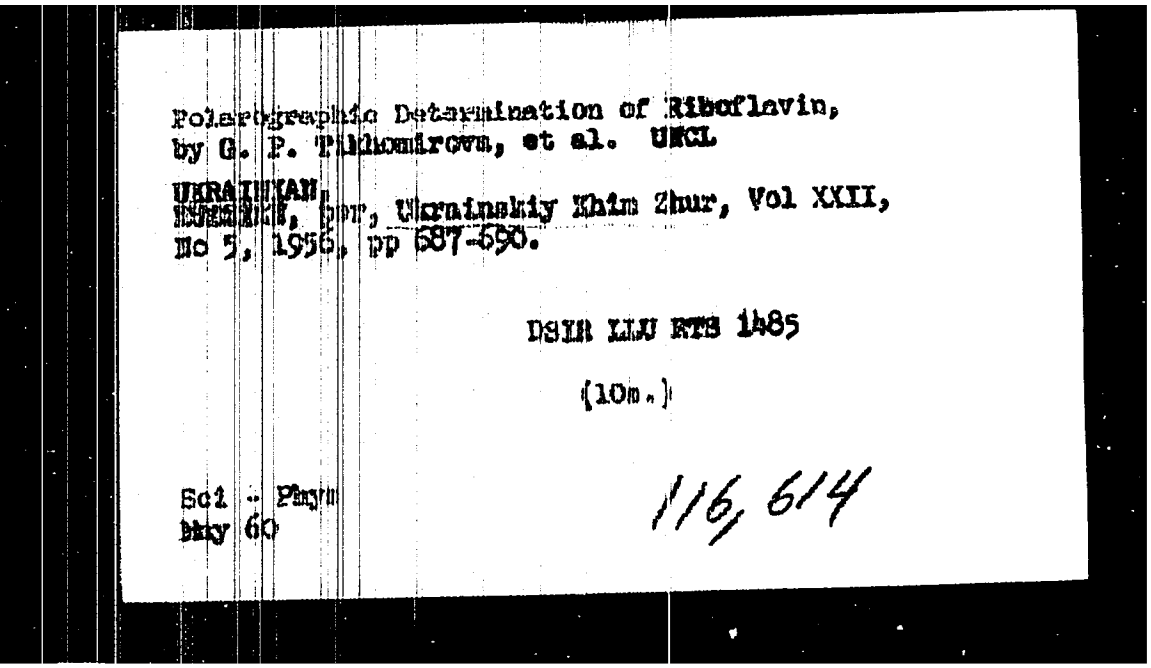

Polarographic Determination of Riboflavin,
by G. P. Pikhomirova, et al. UKCL

UKRAINIAN
[illegible], SSR, Ukrainskiy Khim Zhur, Vol XXII,
No 5, 1956, pp 687-690.

DSIR LLU RTS 1485

(10m.)

Sci - Phys
May 60

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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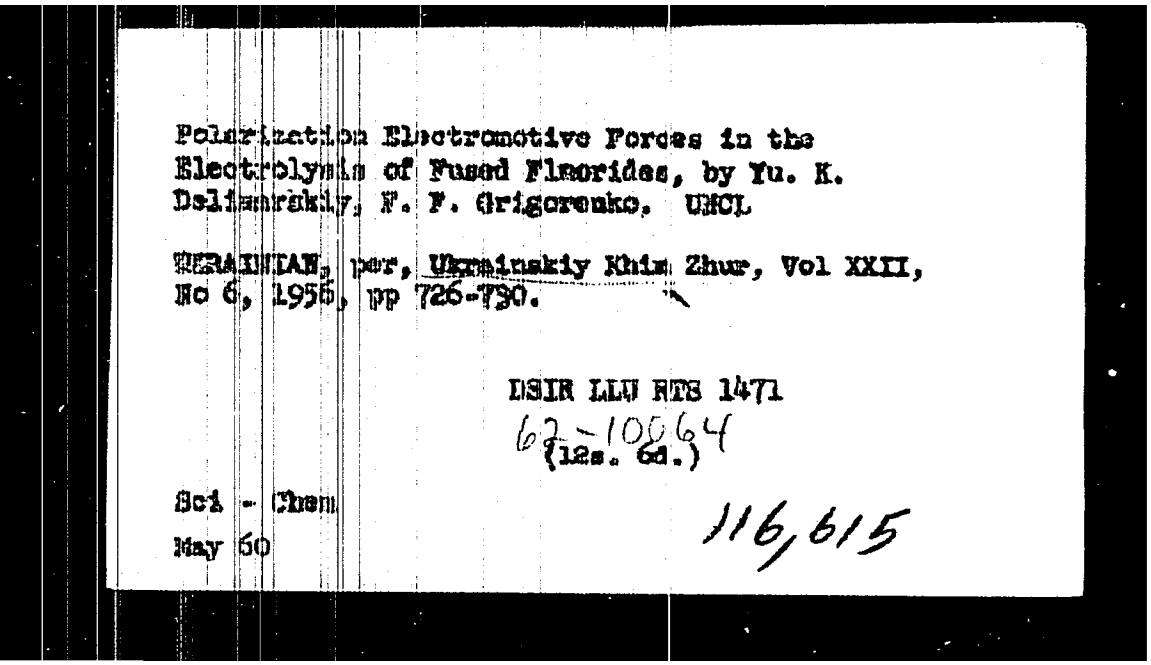

Polarization Electromotive Forces in the Electrolysis of Fused Fluorides, by Yu. K. Delimarskiy, F. F. Grigorenko. UNCL

UKRAINIAN, per, Ukrainskiy Khim Zhur, Vol XXII, No 6, 1956, pp 726-730.

DSIR LLL RTS 1471

67-10064
(12s. 6d.)

Sci - Chem

May 60

116,615

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Determination of Oxygen in Metals and Oxides by Means of Sulfurmonochloride. I. Determination of Oxygen in Aluminum, Copper and Iron Oxides, and in Barium Sulfate, by K. B. Kleiner, 5 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXII, No 6, 1956, pp 809-812.

Navy Tr 1946/TG-40

Assoc Tech Sv 14J15R
ATD/RT-732
54,102

Bel - Chemistry, Min/Met
Oct 57

Available from CTS $.50

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Investigation of Methane ~~EX~~ Chlorination in Metal Chloride Melts, by V. T. Vdovichenko, N. P. Galenko, I. G. Sarishvili, 13 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXIII, 1957, pp 110-116.

SLA 60-14312
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Sci
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Vol III, No 11

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Systems of Diphenylene Oxide With Bicyclic and Tricyclic Hydrocarbons and Carbazole, by V. M. Kravchenko, I. S. Pastukhova, 11 pp.

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ATS-62M38R

Sci

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

The Kinetics and Mechanism of Naphthalene Oxidation Over a Vanadium Oxide Catalyst. I. Investigation of the Influence of the Gas Phase Composition on the Chemical Composition of the Catalyst and Its Catalytic Activity, by V. P. Ushakova, et al.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXIII, No 2, 1957, pp 191-199.

ATS RJ-1112

Sci - Chem
Appr GO

115,375

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Intermediate Stages in the Formation of Carbides of Titanium, Zirconium, Vanadium, Niobium, and Tantalum, by G. V. Samsonov.

UKRAINIAN

~~RUSSIAN~~, per, Ukrainskii Khem~~icheskii~~ Zhurnal, Vol XXIII, 1957, pp 287-297.

*AEC NP Tr. 900

Sci - Chemistry
Apr 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Determination of Microquantities of Lead in Metallic Indium, by A. I. Volkova, 4 pp.

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MDP-V-133

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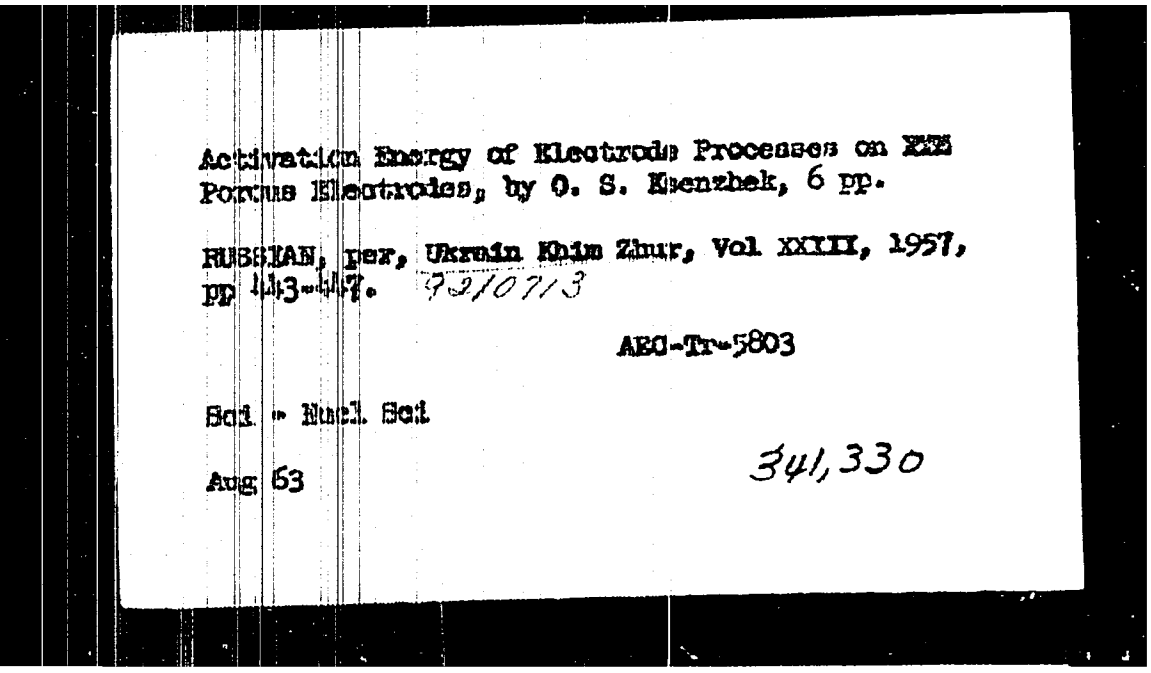
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Activation Energy of Electrode Processes on XXX Porous Electrodes, by O. S. Ksenzhek, 6 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXIII, 1957, pp 443-447. 9210713

AEC-Tr-5803

Sci - Nucl Sci

Aug 63

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Kretov, A. E.
ACYLATION OF N,N' DICHLORARYLSULFAMIDES AND ARYLSULFAMIDES BY MEANS OF ANHYDRIDES OF AROMATIC ACIDS. [1961] 5p. (2 tables omitted) 1 ref.
Order from OTS or SLA $1.10 62-10606

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1957, v. 23, no. 4, p. 493-495.

Portions of this report will not reproduce well.

DESCRIPTORS: *Sulfamide, *Acylation, Anhydrides, Acids, Synthesis, Aluminum compounds, Chlorides.

A series of acyl derivatives of arylsulfamides were synthesized by acting on arylsulfamides and N,N-dichlorarylsulfamides with anhydrides of aromatic acids, in contact with aluminum chloride. (Author)
Chemistry--Organic, TT, v. 7, no. 11)

62-10606

1. Kretov, A. E.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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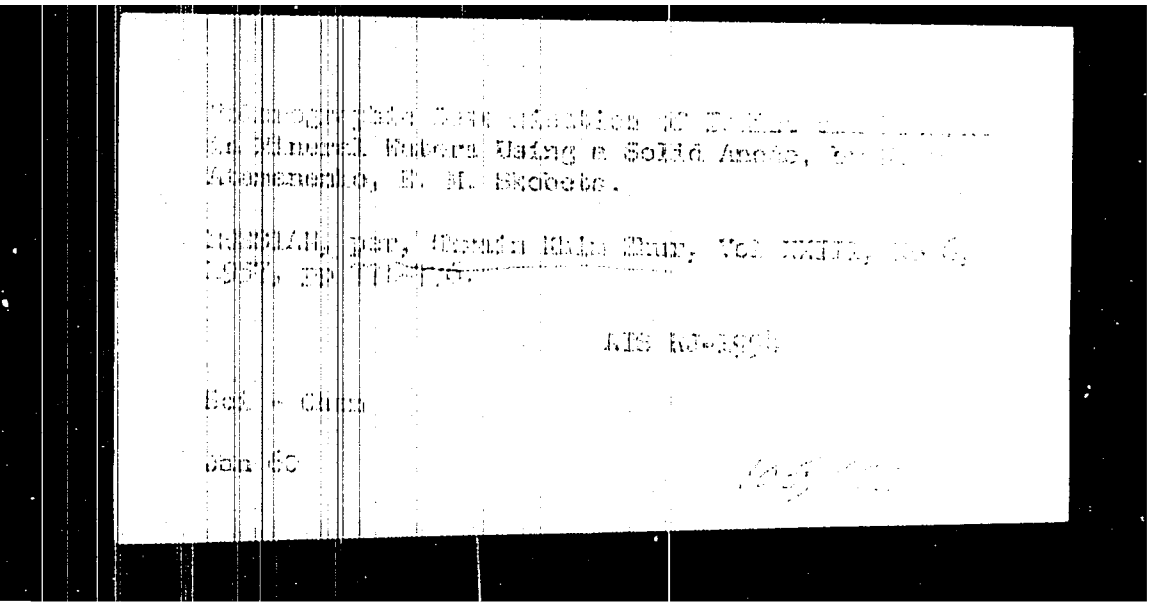

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Bat. - China

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Ravikovich, S. D. and Solomko, V. P.
STUDIES OF THE VISCOSITIES AND CRITICAL TEMPERATURES OF SOME DEUTERO COMPOUNDS AND THEIR SOLUTIONS. [1961] [5]p. 12 refs.
Order from OTS or SLA $1.10 61-27801

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1958, v. 24, no. 1, p. 7-12.

DESCRIPTORS: *Deuterated compounds, Water, Heavy water, Butanols, Acetic acid, Acids, Propanols, Viscosity, Temperature, Deuterium, Hydrogen, Liquids, Molecular structure, Physical properties.

The viscosity and critical temperatures of some deutero compounds were studied. Replacement of hydrogen by deuterium results in a decrease in the critical temperature and the viscosity of liquids. The previously proposed theorems on relation of viscosity to critical
(Chemistry--Physical, TT, v. 7, no. 5) (over)

61-27801

I. Ravikovich, S. D.
II. Solomko, V. P.
III. Translations, New York

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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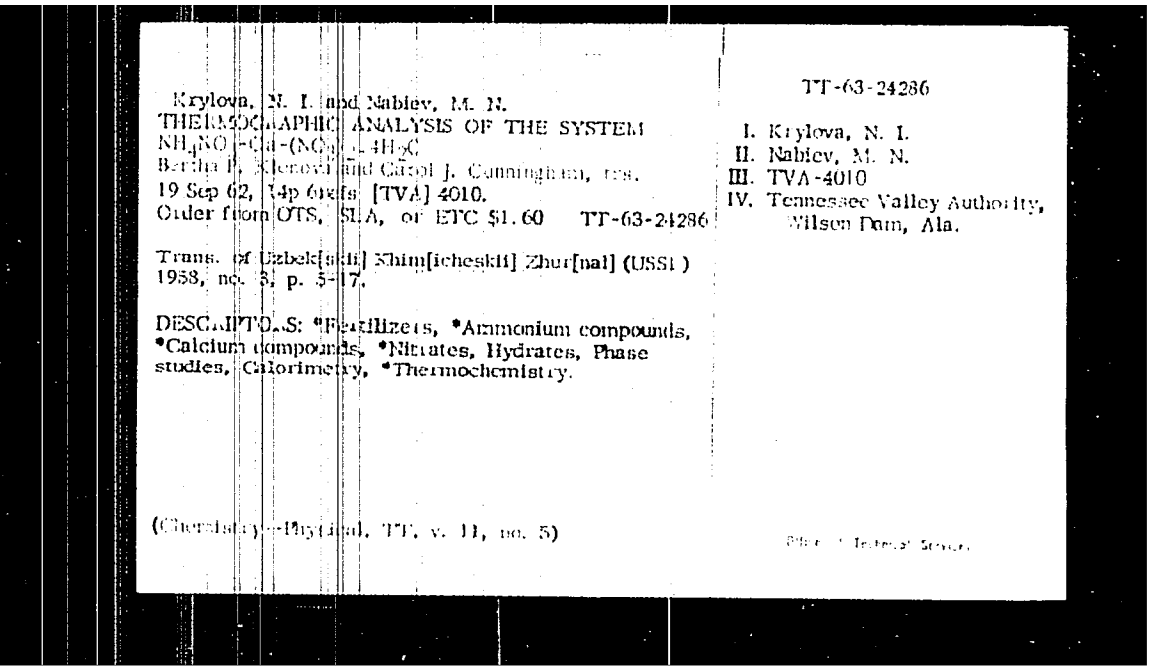

Krylova, N. I. and Nabiev, M. N.
THERMOGRAPHIC ANALYSIS OF THE SYSTEM NH_4NO_3-$Ca(NO_3)_2$-$4H_2O$
Bertha P. Klenova and Carol J. Cunningham, eds.
19 Sep 62, 34p 6refs [TVA] 4010.
Order from OTS, SLA, or ETC $1.60 TT-63-24286

Trans. of Uzbek[skii] Khim[icheskii] Zhur[nal] (USSR)
1958, no. 3, p. 5-17.

DESCRIPTORS: *Fertilizers, *Ammonium compounds, *Calcium compounds, *Nitrates, Hydrates, Phase studies, Calorimetry, *Thermochemistry.

(Chemistry--Physical, TT, v. II, no. 5)

TT-63-24286

I. Krylova, N. I.
II. Nabiev, M. N.
III. TVA-4010
IV. Tennessee Valley Authority, Wilson Dam, Ala.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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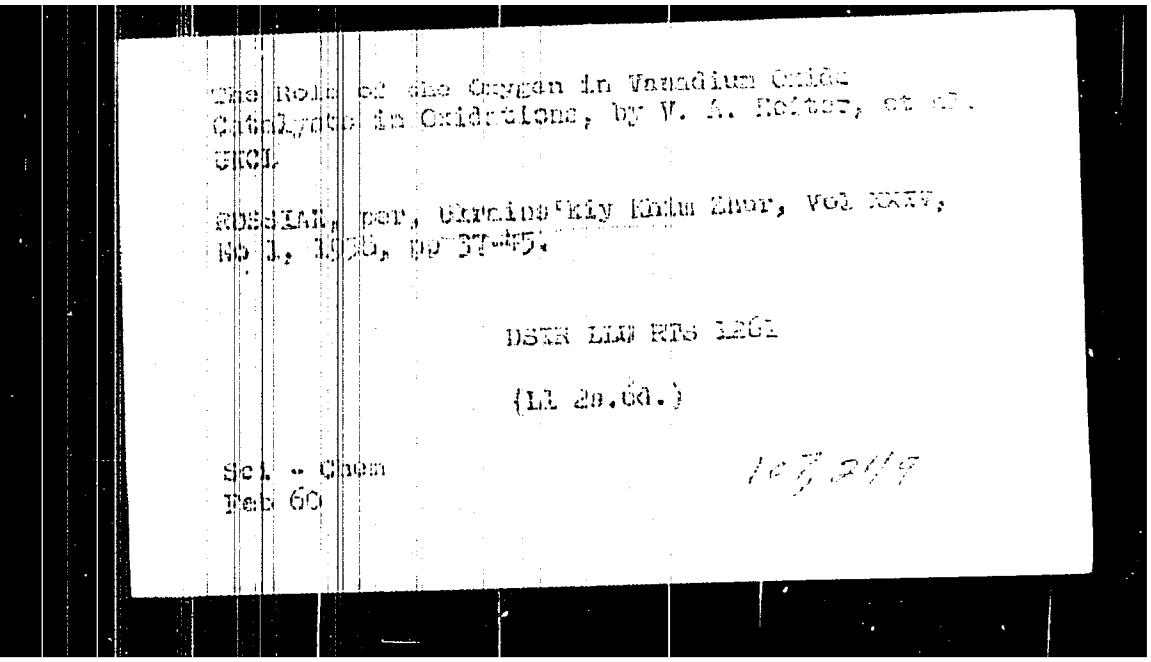

The Role of the Oxygen in Vanadium Oxide
Chlorides in Oxidations, by V. A. Nelson, et al.
USCL

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV,
No 1, 1958, pp 37-45.

DSIR LIB RTS 1261

(LL 20.60.)

Sci - Chem
Feb 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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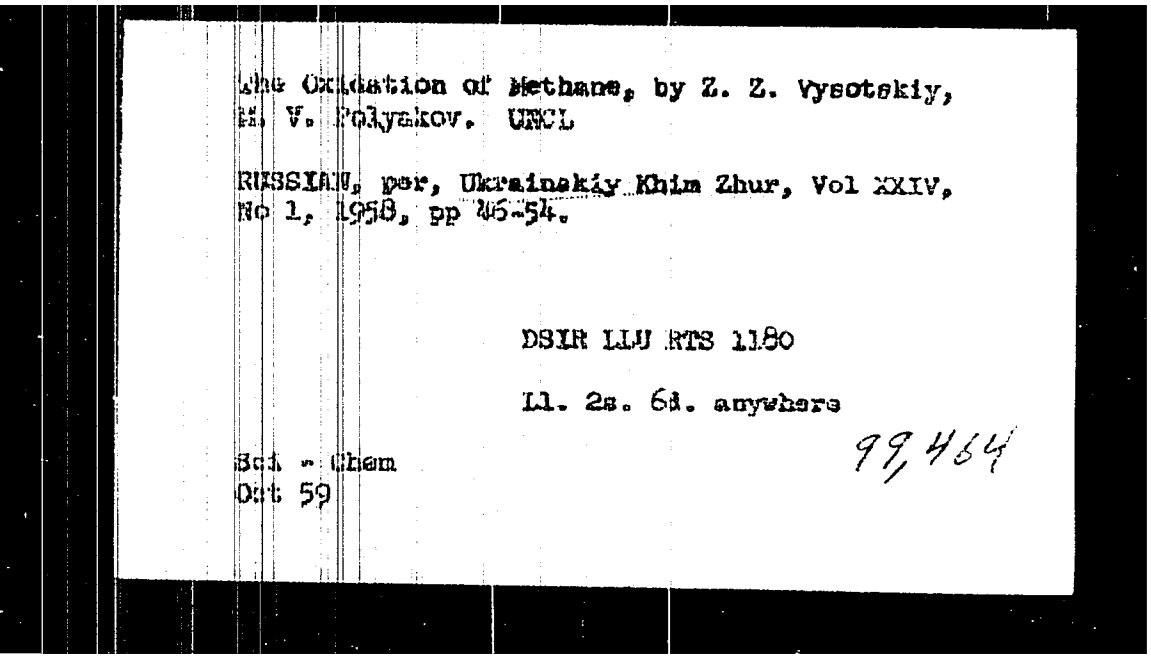

The Oxidation of Methane, by Z. Z. Vysotskiy, M. V. Polyakov. UNCL

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 1, 1958, pp 46-54.

DSIR LLU RTS 1180

Ll. 2s. 6d. anywhere

99,464

Bel - Chem
Oct 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Investigation of the Influence of Potassium Tetraborate on the Oxidation of Methane, by V. I. Urizko, N. V. Polyakov. UNCL

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 2, 1958, pp 177-181.

DSIR LLU RR3 1181

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Sci - Chem
Sep 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

A Study of the Effects of the Reactor Walls on the Oxidation of Methane, by T. P. Kornienko, M. V. Polyakov. UFCL

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RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 2, 1958, pp 182-189.

DSIR LLL RTS 1182

Ll. Os. Od.

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Sci - Chem

Sep 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Investigation Into the Kinetics and Mechanisms of Oxidation of Methyl Alcohol in the Absence of a Catalyst, by B. M. Loos, M. V. Polynkov. UNCL.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXIV, No 2, 1958, pp 190-197.

DDIR LJV RTS 1183

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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ATS RJ-1673

ATS - R0L 97R

Sci - Chem

Jul 59

90,849

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

An Investigation of the Transformation of Methanol into Formaldehyde in the Presence of a Silver Contact An Catalyst, by T. P. Kornienko, M. V. Polyakov.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXIV, No 3, 1958, pp 312-315.

ATS RJ-1693

Sci - Chem

Jul 59

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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Diffusion Processes in a Cationite and Kinetics of Ion Exchange, by M. Ya. Kaminkevich, 15 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXIV, 1958, pp 325-335.

AEC 3450

Sci - Chem

Dec 58

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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Investigation of the Reaction of Beryllium With Aluminum, by L. S. Serdyuk, G. P. Federova, 7 pp.

UKRAINIAN, per, Ukrain Khim Zhur, No 3, 1958, pp 384-387.

AEC AAEC/Trans-2
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Apr 61

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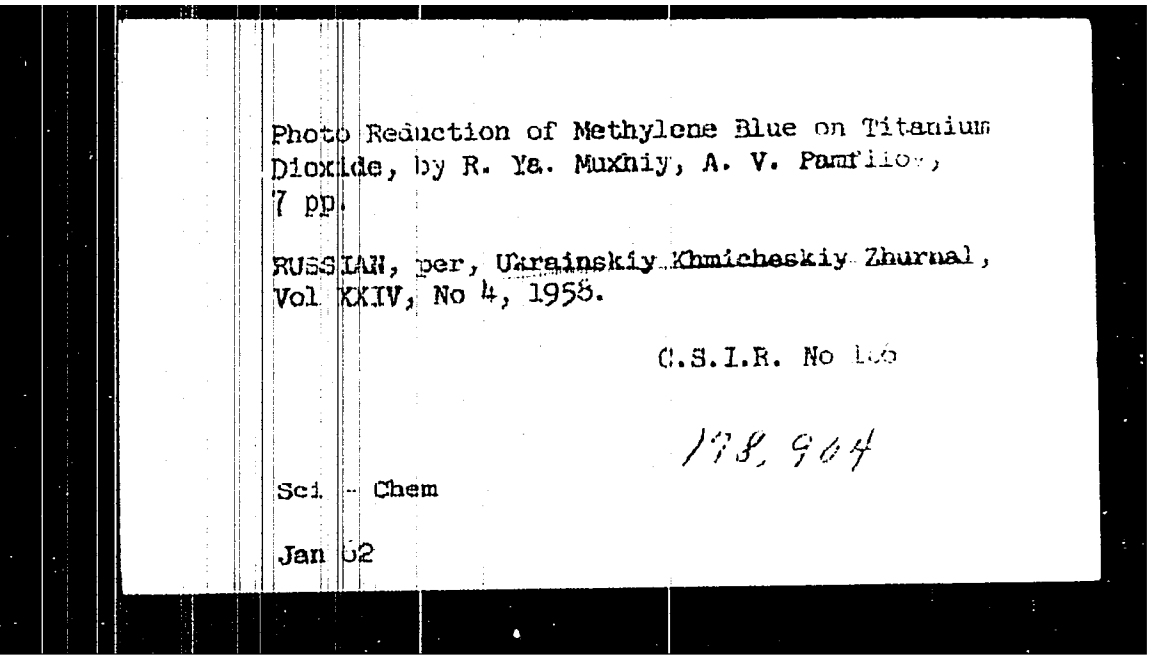

Photo Reduction of Methylene Blue on Titanium Dioxide, by R. Ya. Muxhiy, A. V. Pamfilov, 7 pp.

RUSSIAN, per, Ukrainskiy Khmicheskiy Zhurnal, Vol XXIV, No 4, 1958.

C.S.I.R. No 1[illegible]

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Sci - Chem

Jan 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Investigation of the Effect of Vessel Walls on the Oxidation Kinetics of Propane-Butane Mixture, by V. V. Shalya, V. M. Polyakov, 7 pp.

RUSSIAN, por, Ukrainskiy Khim Zhur, Vol XXIV, No 4, 1958, pp 453-458.

OTS 60-16552

Sci
Mar 62
Vol 4, No 4

187, 755

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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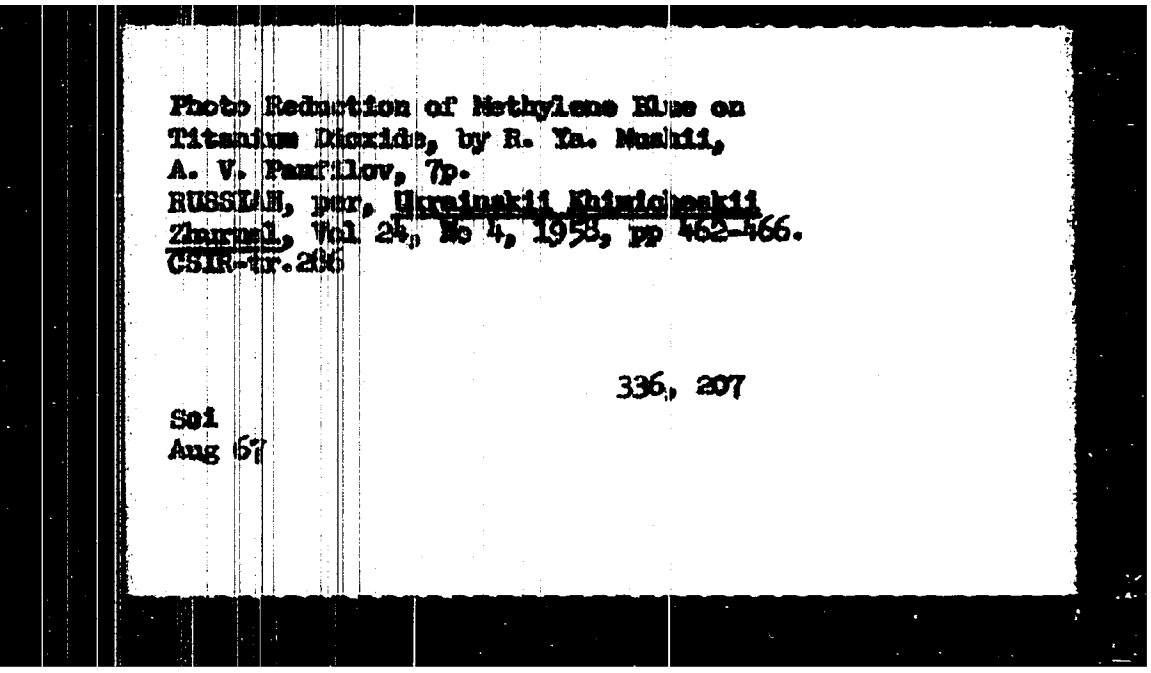

Photo Reduction of Methylene Blue on Titanium Dioxide, by R. Ya. Mushii, A. V. Pantilov, 7p.
RUSSIAN, per, Ukrainskii Khimicheskii Zhurnal, Vol 24, No 4, 1958, pp 462-466.
CSIR-tr.286

336, 207

Sci
Aug 61

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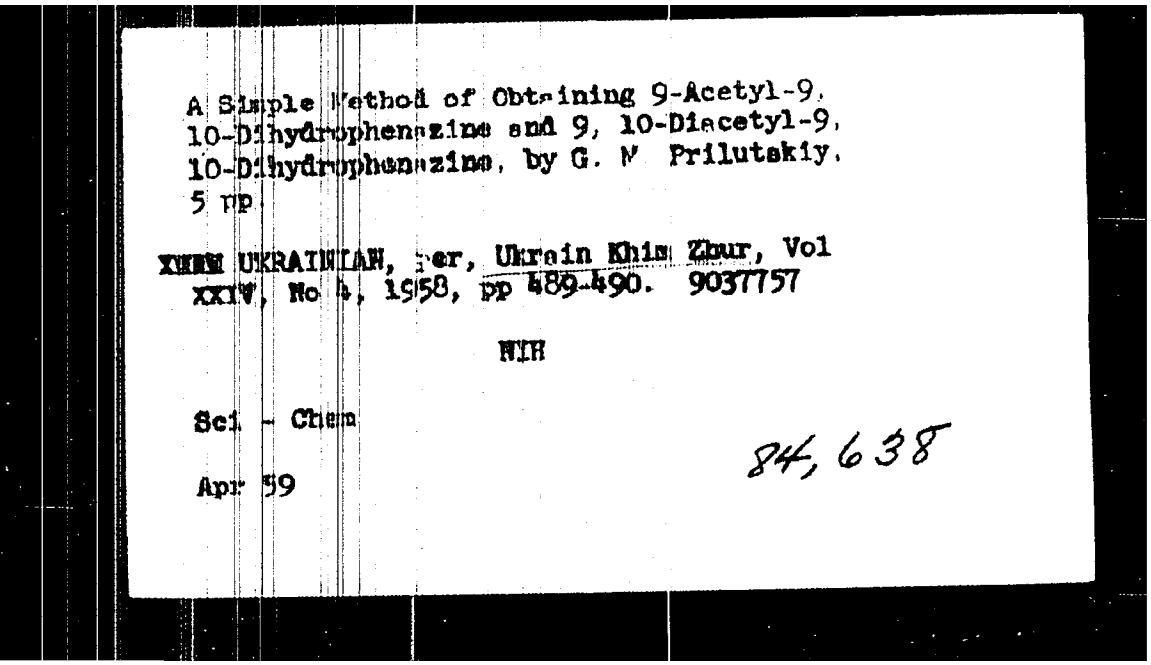

A Simple Method of Obtaining 9-Acetyl-9, 10-Dihydrophenazine and 9, 10-Diacetyl-9, 10-Dihydrophenazine, by G. M Prilutskiy, 5 pp

XXXX UKRAINIAN, Zhur, Ukrain Khim Zhur, Vol XXIV, No 4, 1958, pp 489-490. 9037757

NIH

Sci - Chem

Apr 59

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Synthesis of Sanasine (10-Ethylphenazinone-1). Communication 1. Synthesis of Intermediate Products o-Nitrodiphenylamine, Phenazine, and Phenazine Ethylsulfate, by V. P. Dvernitskiy, 10 pr.
UKRAINIAN.
[illegible], per, Ukrain Khim Zhur, Vol XXIV, No 4, 1958, pp 549-555. 9057758

NIH

Sci - Med

Apr 59

84,378

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

The Photocatalytic Activation of Zinc Oxide, by A. V. Pamfilov, R. Ya. Bushii, Ya. S. Mazurkevich, 4 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXIV, 1958, pp 599-601.

AEC tr-320

Sci - Chem
Feb 60

107,528
SLA 60-15025

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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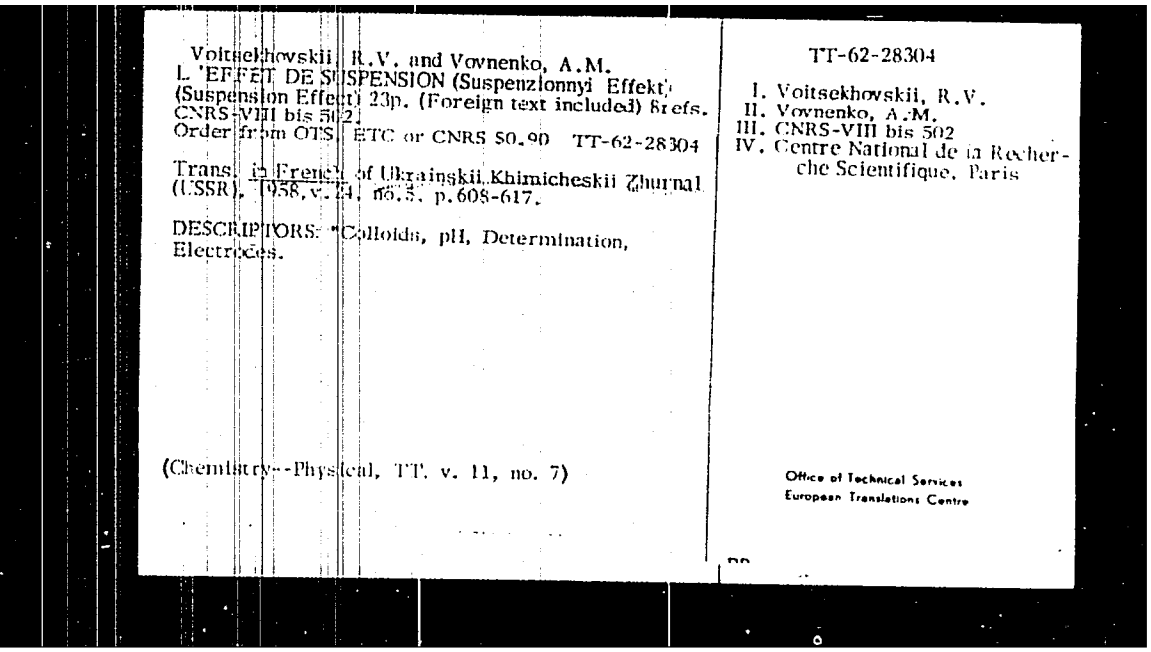

Voitsekhovskii, R.V. and Vovnenko, A.M.
L 'EFFET DE SUSPENSION (Suspenzionnyi Effekt)
(Suspension Effect) 23p. (Foreign text included) 8refs.
CNRS-VIII bis 502
Order from OTS, ETC or CNRS $0.90 TT-62-28304

Trans. in French of Ukrainskii Khimicheskii Zhurnal
(USSR), 1958, v. 24, no. 5, p. 608-617.

DESCRIPTORS: *Colloids, pH, Determination,
Electrodes.

(Chemistry--Physical, TT, v. 11, no. 7)

TT-62-28304

I. Voitsekhovskii, R.V.
II. Vovnenko, A.M.
III. CNRS-VIII bis 502
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

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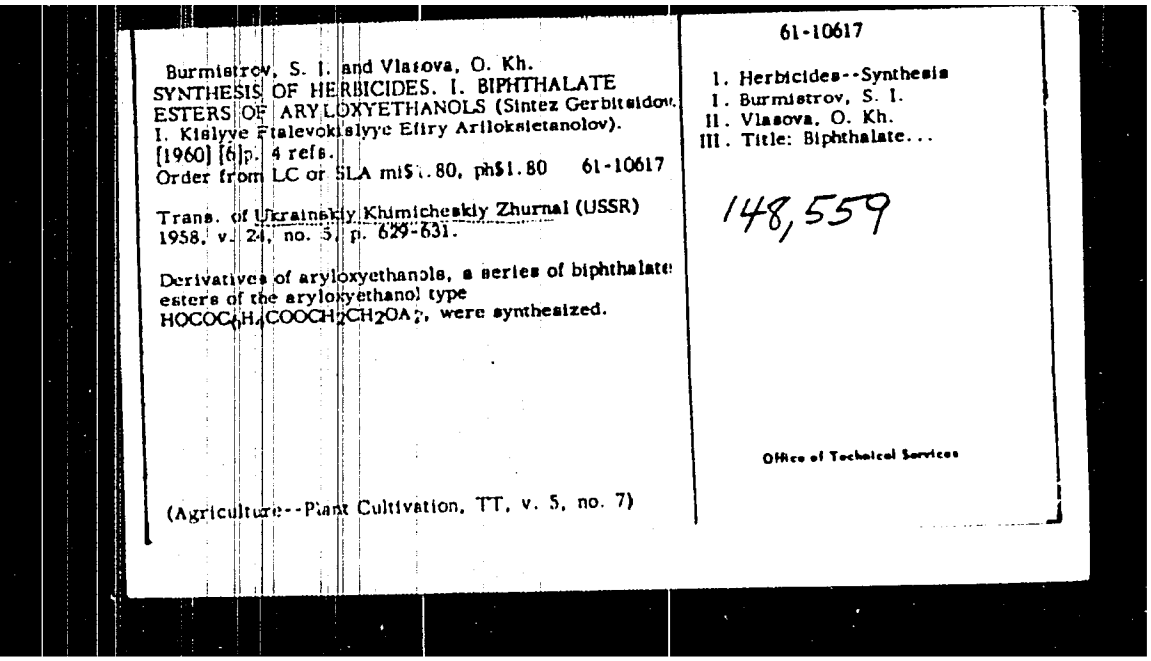


Burmistrov, S. I. and Vlasova, O. Kh.
SYNTHESIS OF HERBICIDES. I. BIPHTHALATE ESTERS OF ARYLOXYETHANOLS (Sintez Gerbitsidov. I. Kislyye Ftalevokislyye Efiry Ariloksietanolov).
[1960] [6]p. 4 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10617

Trans. of Ukrainskiy Khimicheskiy Zhurnal (USSR)
1958, v. 24, no. 5, p. 629-631.

Derivatives of aryloxyethanols, a series of biphthalate esters of the aryloxyethanol type $HOCOC_6H_4COOCH_2CH_2OAr$, were synthesized.

(Agriculture--Plant Cultivation, TT, v. 5, no. 7)

61-10617

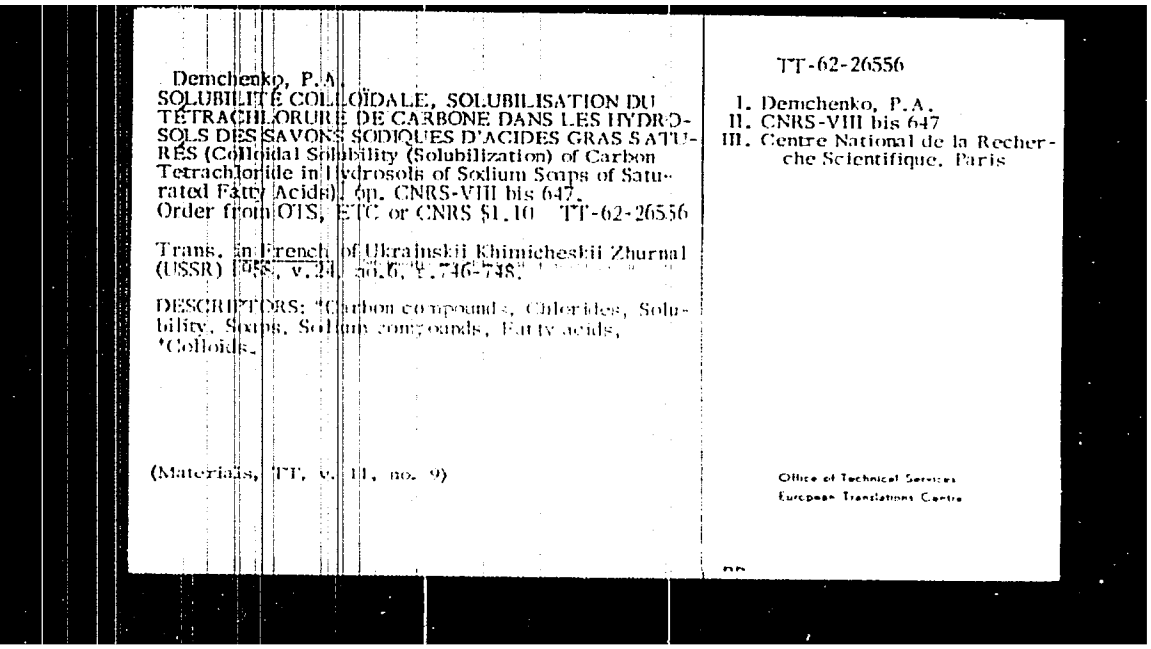
1. Herbicides--Synthesis
1. Burmistrov, S. I.
II. Vlasova, O. Kh.
III. Title: Biphthalate...

148,559

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Demchenko, P.A.
SOLUBILITÉ COLLOÏDALE, SOLUBILISATION DU TÉTRACHLORURE DE CARBONE DANS LES HYDROSOLS DES SAVONS SODIQUES D'ACIDES GRAS SATURÉS (Colloidal Solubility (Solubilization) of Carbon Tetrachloride in Hydrosols of Sodium Soaps of Saturated Fatty Acids) Fr. CNRS-VIII bis 647.
Order from OTS, ETC or CNRS $1.10 TT-62-26556

Trans. in French of Ukrainskii Khimicheskii Zhurnal (USSR) 1958, v.24, no.6, p.746-748.

DESCRIPTORS: *Carbon compounds, Chlorides, Solubility, Soaps, Sodium compounds, Fatty acids, *Colloids.

(Materials, TT, v. II, no. 9)

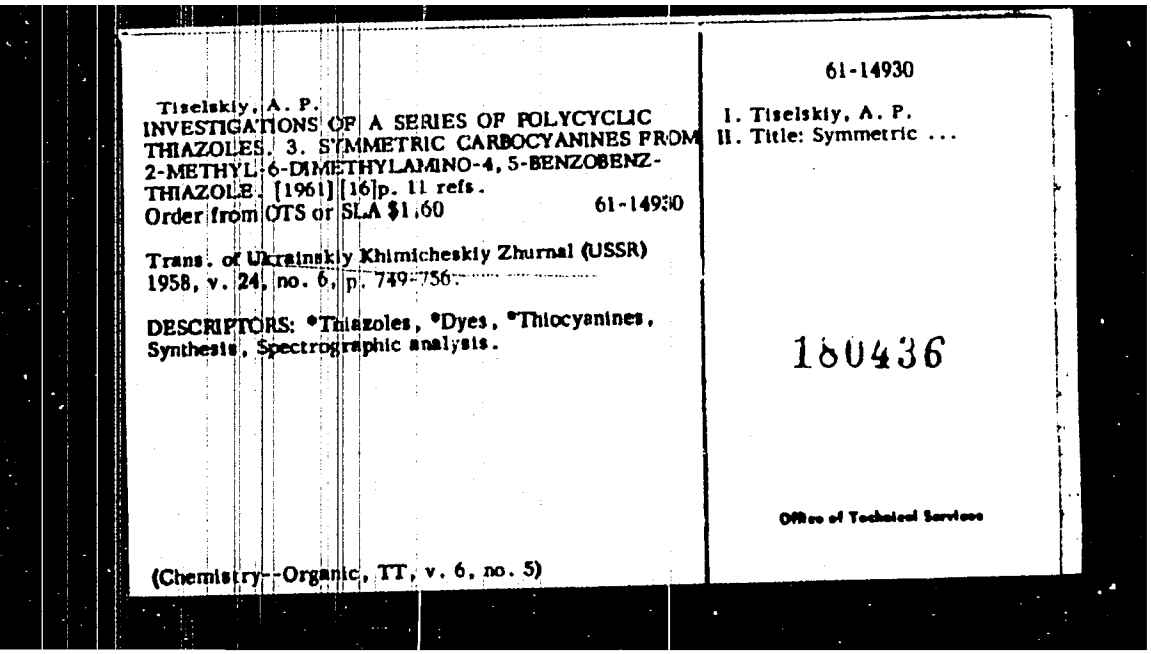
TT-62-26556

I. Demchenko, P.A.
II. CNRS-VIII bis 647
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Tiselskiy, A. P.
INVESTIGATIONS OF A SERIES OF POLYCYCLIC THIAZOLES. 3. SYMMETRIC CARBOCYANINES FROM 2-METHYL-6-DIMETHYLAMINO-4, 5-BENZOBENZ-THIAZOLE. [1961] [16]p. 11 refs.
Order from OTS or SLA $1.60 61-14930

Trans. of Ukrainskiy Khimicheskiy Zhurnal (USSR)
1958, v. 24, no. 6, p. 749-756.

DESCRIPTORS: *Thiazoles, *Dyes, *Thiocyanines, Synthesis, Spectrographic analysis.

(Chemistry--Organic, TT, v. 6, no. 5)

61-14930

1. Tiselskiy, A. P.
II. Title: Symmetric ...

180436

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Stability of Borides of Transition Metals in Acids and Alkalies, by K. B. Modylevskaya, G. V. Samsonov, 13 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXV, 1959, pp 55-61.

CIA/FDD ZA-745
NOT RELEASABLE TO FOREIGN NATIONALS

Sci + Chem
Jan 60

USIB INTERNAL USE ONLY

105,842

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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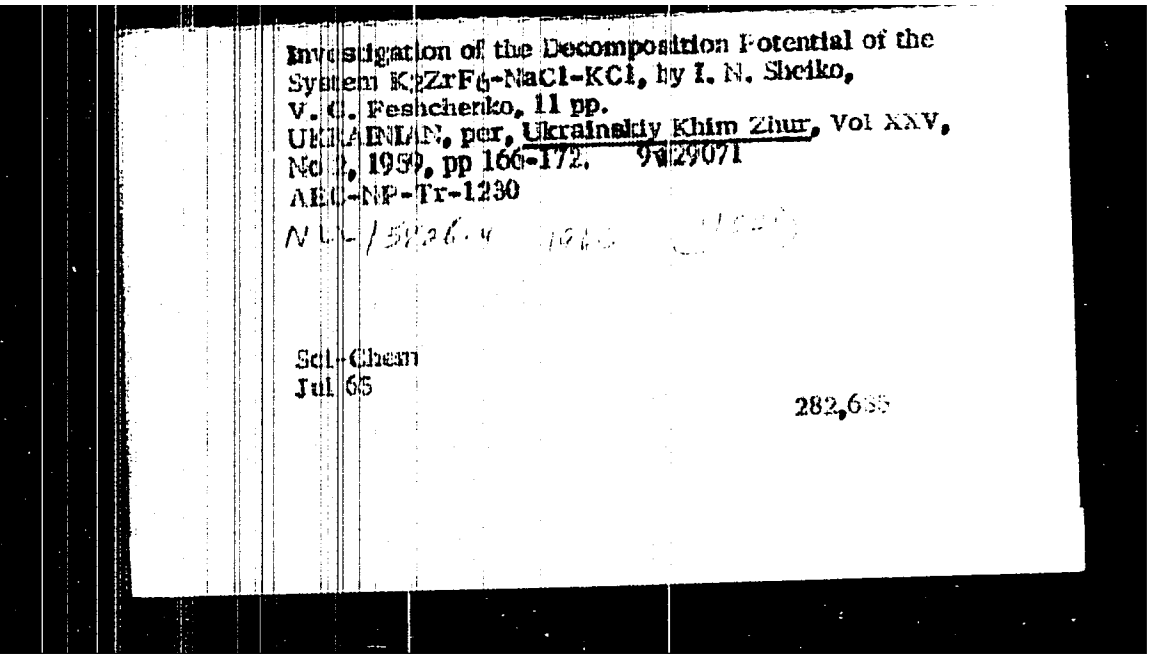

Investigation of the Decomposition Potential of the System K_2ZrF_6-NaCl-KCl, by I. N. Sheiko, V. G. Feshchenko, 11 pp.
UKRAINIAN, per, Ukrainskiy Khim Zhur, Vol XXV, No 2, 1959, pp 166-172. 9329071
AEC-NP-Tr-1230

Sci-Chem
Jul 65

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Investigation of the Kinetics of Reactions Between Primary Aromatic Amines and Picryl Chloride in Benzene Solution, by L. M. Litvinenko, et al.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXV, No 2, 1959, pp 189-195.

DSIR LIU M. 2041

Sci - Chem

170,761

Oct 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Determination of Several Rare-Earth Elements by Flame Photometry, by N. S. Poluyektov, M. P. Nikonova, 14 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXV, 1959, pp 217-225.

AEC-tr-5291

Sci - chem

Jan 63

218,839

list 74

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Lutskie, A. E. and Obykhova, E. M.
ON THE ISOTOPE EFFECT ON THE VISCOSITY OF LIQUIDS. [1961] [3]p. 7 refs.
Order from OTS or SLA $1.10 61-27879

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1959, v. 25, p. 274-275.

DESCRIPTORS: *Deuterated compounds, Water, Heavy water, Butanols, Acetic acid, Acids, Propanols, Viscosity, Temperature, Deuterium, Hydrogen, Liquids, Molecular structure, Physical properties

Objections are raised to some of the conclusions drawn by S. D. Ravikovich and V. P. Solomko (Ukrain. Khim. Zhur. 24: 7-12, 1958; available in translation from OTS or SLA $1.10 as 61-27801) from their experimental data.

(Chemistry--Physical, TT, v. 7, no. 7)

61-27879

I. Lutskie, A. E.
II. Obykhova, E. M.
III. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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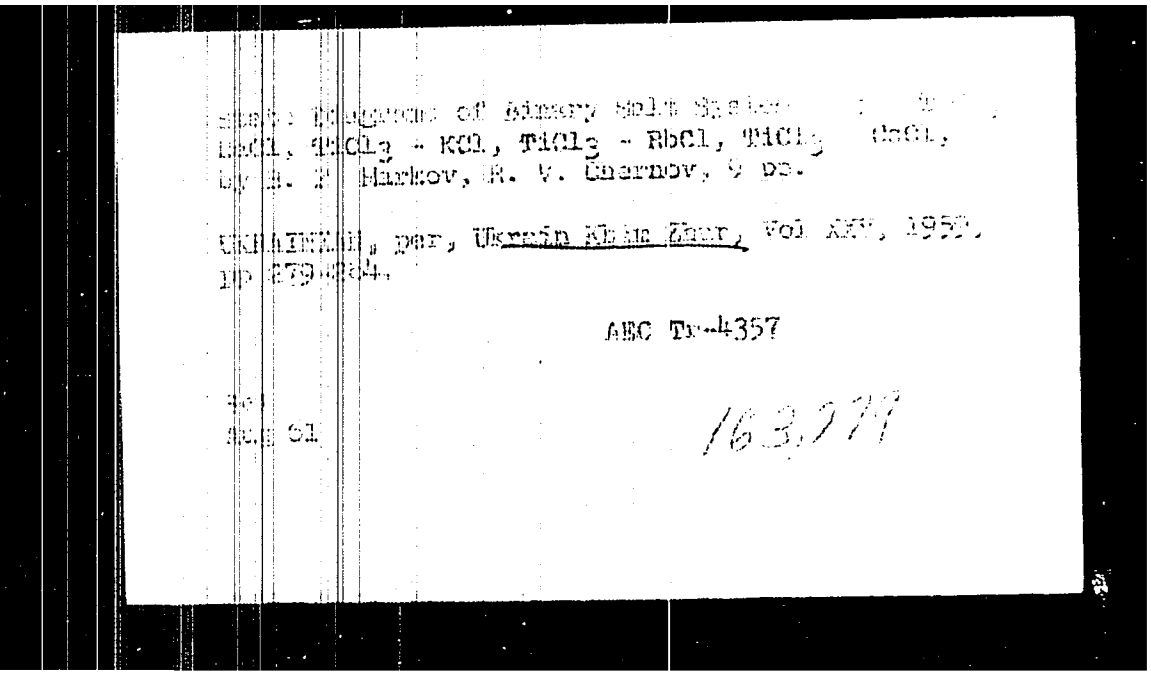


[illegible]: Diagrams of Binary Molt[illegible]
LiCl, TlCl$_3$ - KCl, TlCl$_3$ - RbCl, TlCl$_3$ - CsCl,
by A. F. Markov, A. V. Chernov, 9 pp.

UKRAINSKIY, per, Ukrayin Khim Zhur, Vol XX, 1954,
pp 279-284.

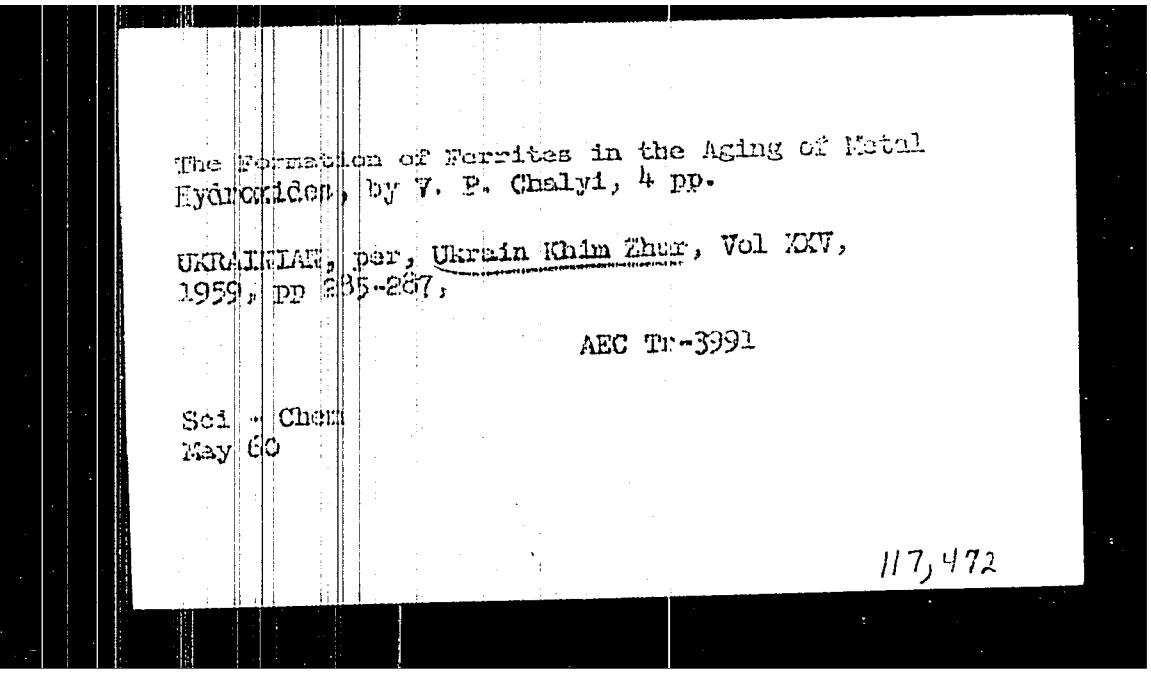
AEC Tr-4357

[illegible] 61

163,277

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



The Formation of Ferrites in the Aging of Metal Hydroxides, by V. P. Chalyi, 4 pp.

UKRAINSKIY, per, Ukrain Khim Zhur, Vol XXV, 1959, pp 285-287,

AEC Tr-3991

Sci - Chem
May 60

117,472

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Application of the Agar-Agar Electrophoretic Method to Isolation of Soluble Proteins in Nerve Tissue, by A. V. Palladin, N. M. Polyakova, 11 pp.
RUSSIAN, per, Ukrayinskiy Biokhimich Zhur, Vol 31, No 3, 1959, pp 307-311.
ASTIA TI-64-19543

321,671

Sci - BBM
Mar 67

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Production of Metal Hydroxides and Silica Gels of Different Porosities and an Investigation of Their Adsorption Properties, by I. E. Neimark, M. A. Piontkovskaya.

UKRAINIAN, per, Ukrains'kii Khimicheskii Zhurnal, No 3, 1959, pp 322-325.

DSIR LIU RTS 1556

Sci - Chem

128,844

Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Steric Hindrance in Cyanine Dyes Containing Thio-
Groups in Polymethine Chain, by A. I. Kiprianov, L. I.
Fol'macher, 9 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXV, No 3, 1959,
pp 337-343.

CIA/FDD XX-1152
NOT RELEASABLE TO FOREIGN NATIONALS

198,433

Sc2

May 62

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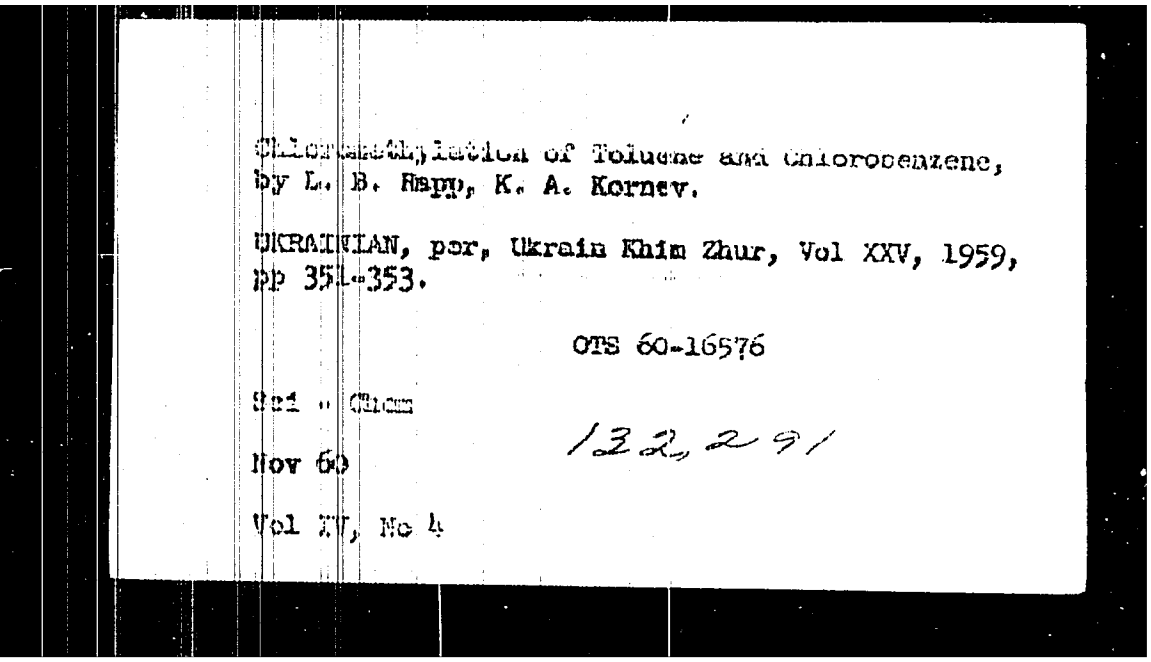

Chloroalkylation of Toluene and Chlorobenzene,
by L. B. Rapp, K. A. Kornev.

UKRAINIAN, por, Ukrain Khim Zhur, Vol XXV, 1959,
pp 351-353.

OTS 60-16576

Sci - Chem

Nov 60

132,291

Vol XV, No 4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Determination of Oxygen in Metals and Oxides Using Sulfur Monochlorides S_2Cl_2III, by K. B. Kleiner, F. V. Cholonchik, 7 pp.

RUSSIAN, per, Ukrain Khim, Zhur, Vol XXV, 1959, pp 370-373. 9087636

AEC UCRL, Tr-801(L)

Sci - Chem
Jun 62

203, 209

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Production of Homogeneous Anion-Exchange Membranes, by Ya. M. Romankevich, et al.

UKRAINIAN, per, Ukrains'kii Khimicheskii Zhurnal, No 3, 1959, pp 392-394.

DSIR LLU RTS 1557

Sci - Chem

Oct 60

128,846

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Investigation of the Adsorption of Electrolytes by Silica Gel With the Use of Radioactive Tracers, by D. N. Strazhenko, G. F. Yankovskaya.

UKRAINIAN, per, Ukrain Khimicheskii Zhurnal, No 4, 1959, pp 471-476.

DSIR LLU RTS 1558

Sci - Chem

128,716

Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Diffusion Precipitation Chromatography of Sulphides Using Agaroid Jelly, by N L. Olenovich, et al.

UKRAINIAN, per, Ukrain Khimicheskii Zhurnal, No 4, 1959, pp 509-511.

DSIR LLU RTS 1559

Sci - Chem

Oct 60

128,718

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

18 (NY-4509)

Third Ukrainian Republic Conference on Physical Chemistry, 7 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXV, No 4, 1959, pp 553-556.

JPRS 5377

Sci - Chem

Sep 60

125,191

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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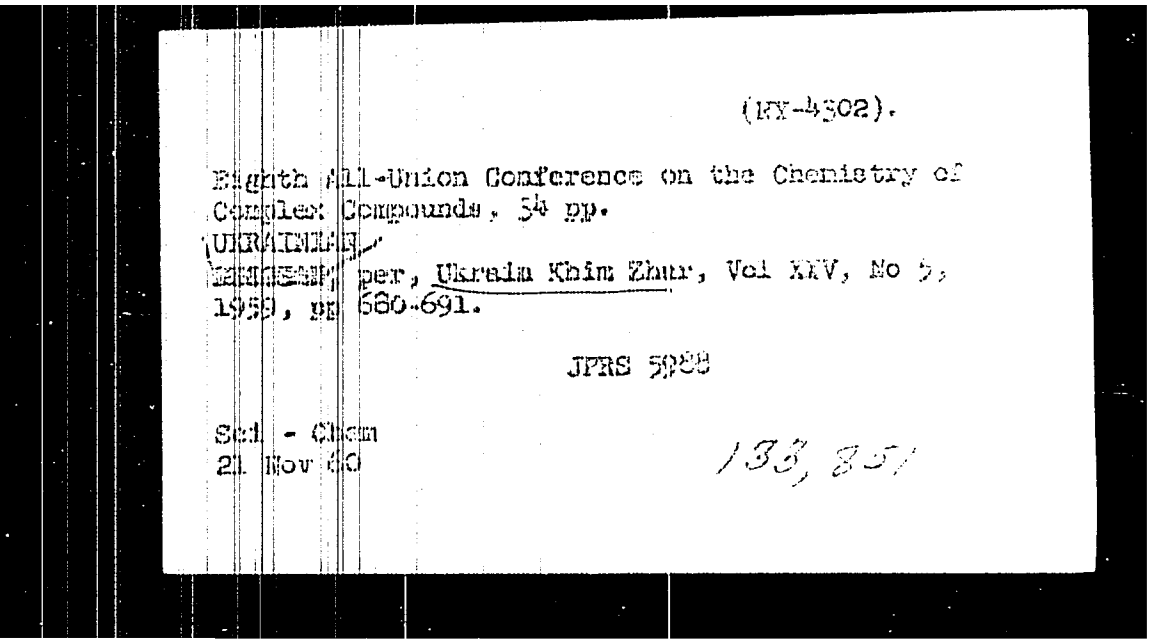


(RY-4502).

Eighth All-Union Conference on the Chemistry of Complex Compounds, 54 pp.
(UKRAINIAN)
[illegible]per, Ukrain Khim Zhur, Vol XXV, No 5, 1959, pp 680-691.

JPRS 5988

Sci - Chem
21 Nov 60

133, 857

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

A Study of the Coloured Complexes of Some Rare-Earth Elements and Aluminon, by L. S. Serdyuk, G. P. Fedorova.

UKRAINIAN, per, Ukrains'kii Khimicheskii Zhurnal, No 5, 1959, pp 644-649.

DSIR LLU RTS 1560

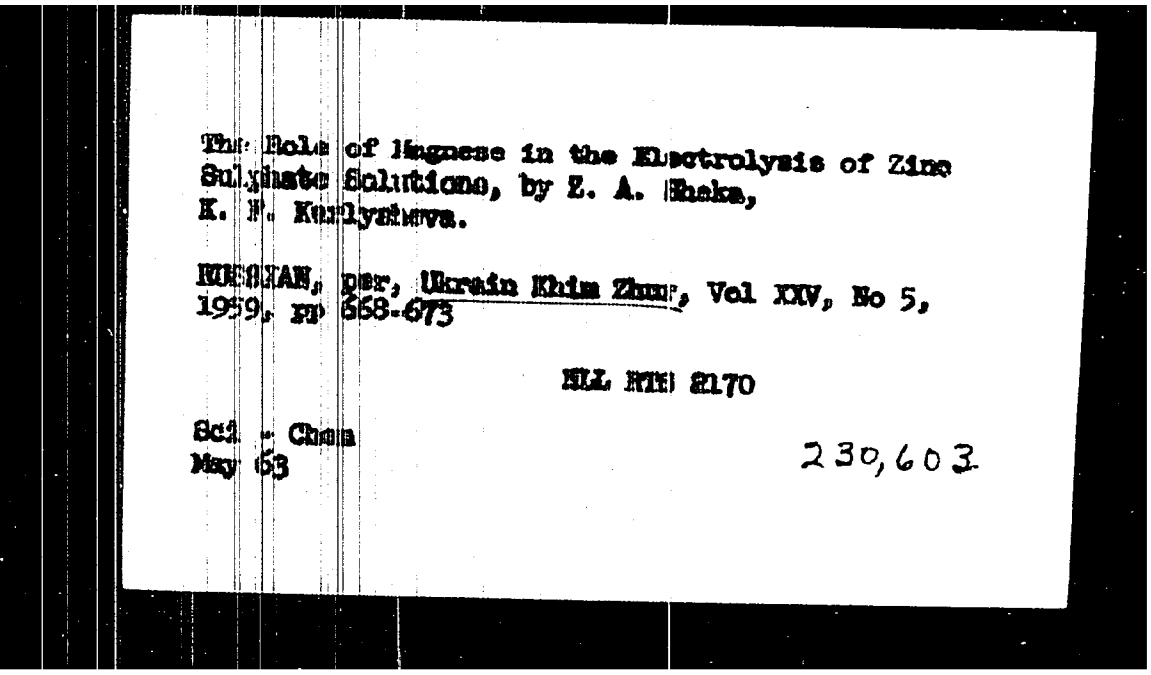
128,839

Sci - Chem

Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



The Role of Magnesium in the Electrolysis of Zinc Sulphate Solutions, by Z. A. Iofa, K. P. Kudryavtseva.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXV, No 5, 1959, pp 668-673

NLL NTI 2170

Sci - Chem
May 63

230,603

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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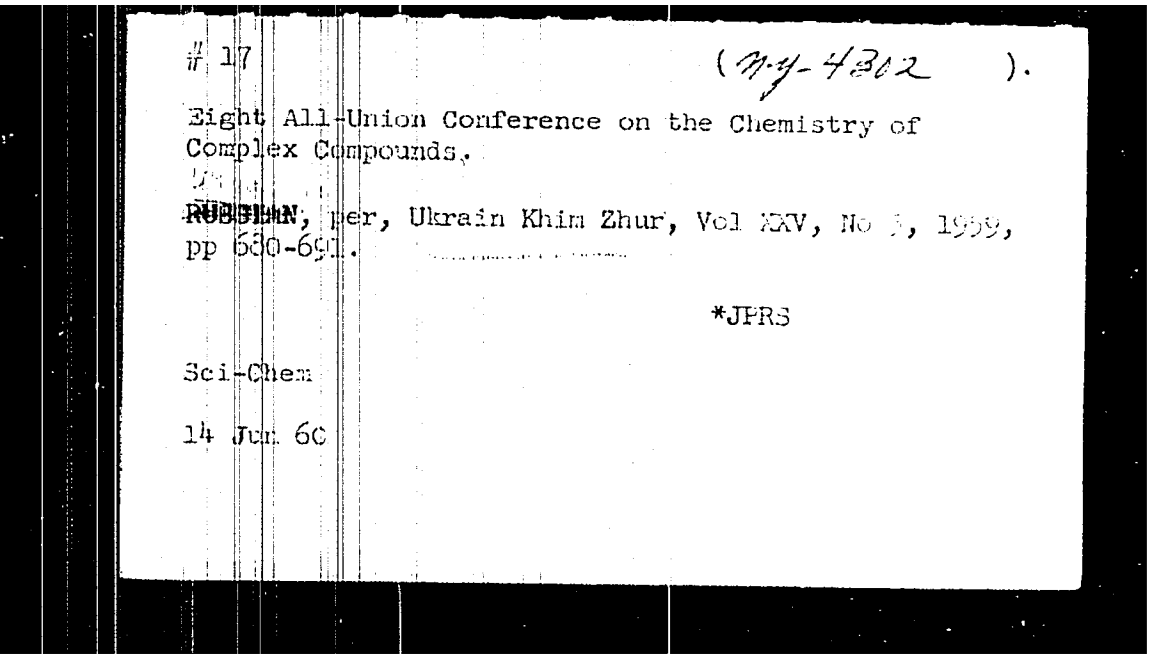


17 (NY-4302).

Eight All-Union Conference on the Chemistry of Complex Compounds.

RUBINN, per, Ukrain Khim Zhur, Vol XXV, No 5, 1959, pp 680-691.

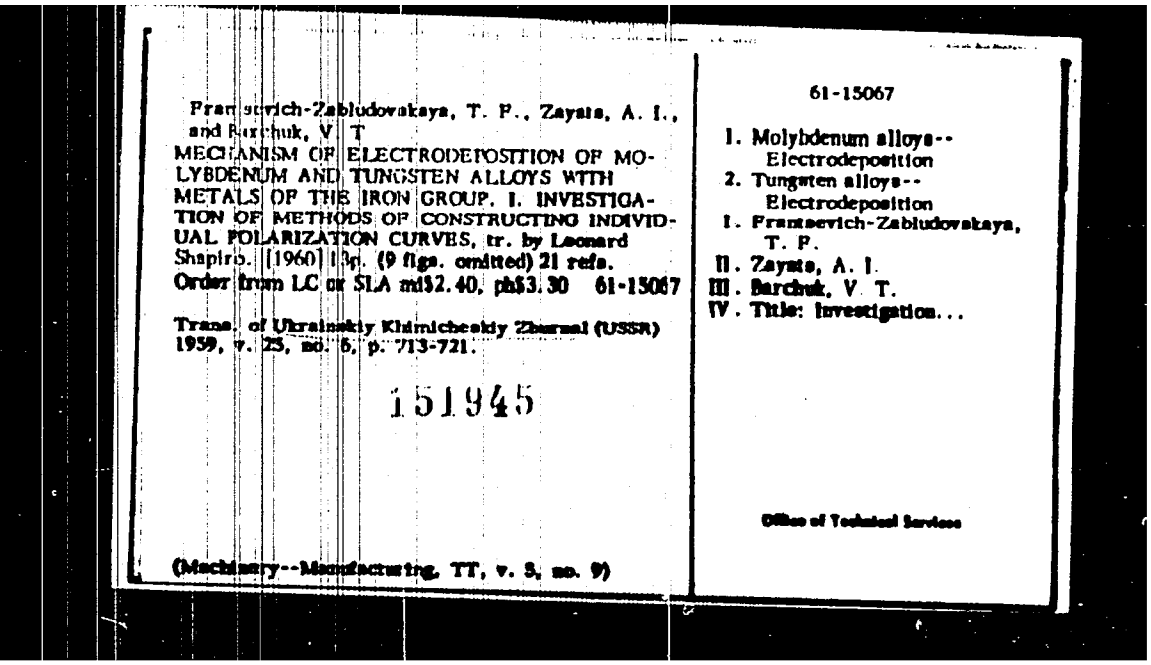
*JPRS

Sci-Chem

14 Jun 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Frantsevich-Zabludovskaya, T. P., Zayats, A. I., and Barchuk, V. T.
MECHANISM OF ELECTRODEPOSITION OF MOLYBDENUM AND TUNGSTEN ALLOYS WITH METALS OF THE IRON GROUP. I. INVESTIGATION OF METHODS OF CONSTRUCTING INDIVIDUAL POLARIZATION CURVES, tr. by Leonard Shapiro. [1960] 13p. (9 figs. omitted) 21 refs.
Order from LC or SLA mf$2.40, ph$3.30 61-15067

Trans. of Ukrainskiy Khimicheskiy Zhurnal (USSR) 1959, v. 25, no. 6, p. 713-721.

151945

(Machinery--Manufacturing, TT, v. 5, no. 9)

61-15067

1. Molybdenum alloys--Electrodeposition
2. Tungsten alloys--Electrodeposition
I. Frantsevich-Zabludovskaya, T. P.
II. Zayats, A. I.
III. Barchuk, V. T.
IV. Title: Investigation...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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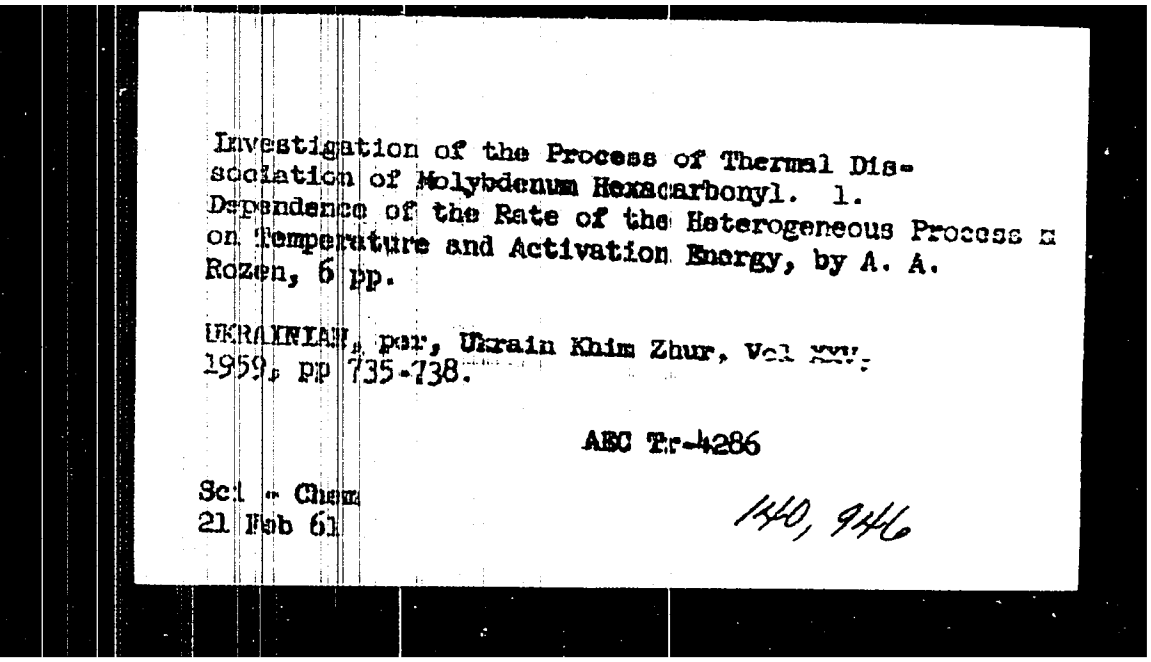


Investigation of the Process of Thermal Dissociation of Molybdenum Hexacarbonyl. 1. Dependence of the Rate of the Heterogeneous Process on Temperature and Activation Energy, by A. A. Rozen, 6 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol xxv, 1959, pp 735-738.

AEC Tr-4286

Sci - Chem
21 Feb 61

140, 946

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Thiazolocarbocyanines With Aryl Radicals in Thiazole Nuclei. VII. Effect of Polar Groups in Thiazolocarbocyanines on Color, by Ye. D. Sych, 11 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXV, No 6, 1959, pp 767-773.

SIA 60-18990

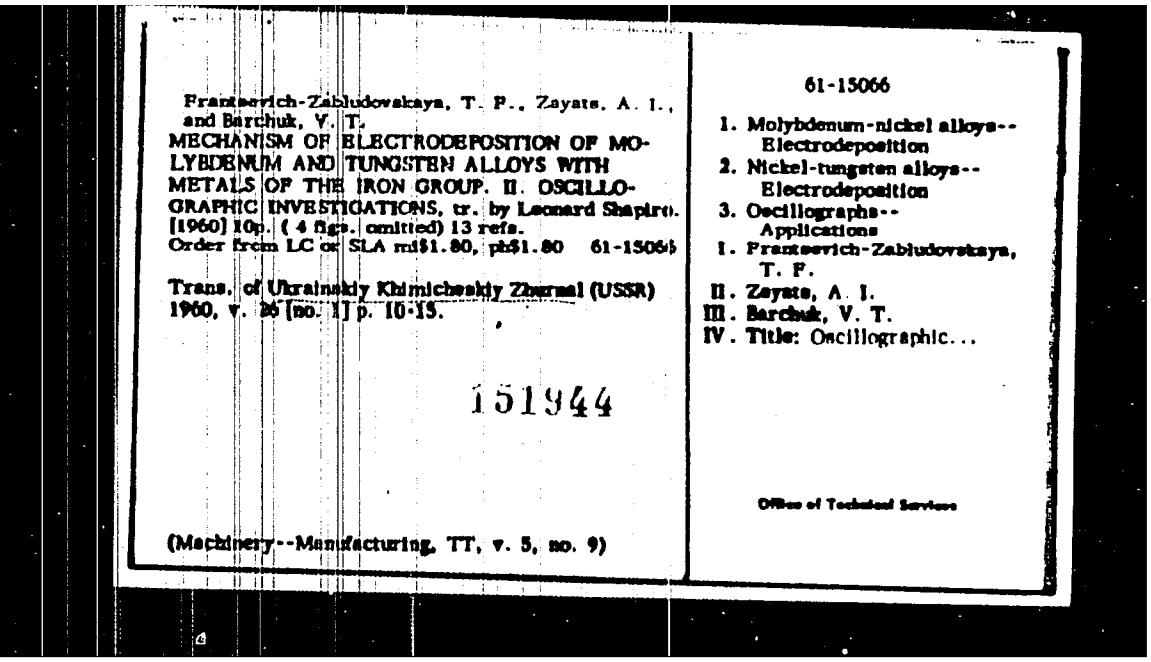
Sci

Apr 61

146,191

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Frantsevich-Zabludovskaya, T. P., Zayats, A. I., and Barchuk, V. T.
MECHANISM OF ELECTRODEPOSITION OF MOLYBDENUM AND TUNGSTEN ALLOYS WITH METALS OF THE IRON GROUP. II. OSCILLOGRAPHIC INVESTIGATIONS, tr. by Leonard Shapiro. [1960] 10p. (4 figs. omitted) 13 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-15066

Trans. of Ukrainskiy Khimicheskiy Zhurnal (USSR) 1960, v. 26 [no. 1] p. 10-15.

151944

(Machinery--Manufacturing, TT, v. 5, no. 9)

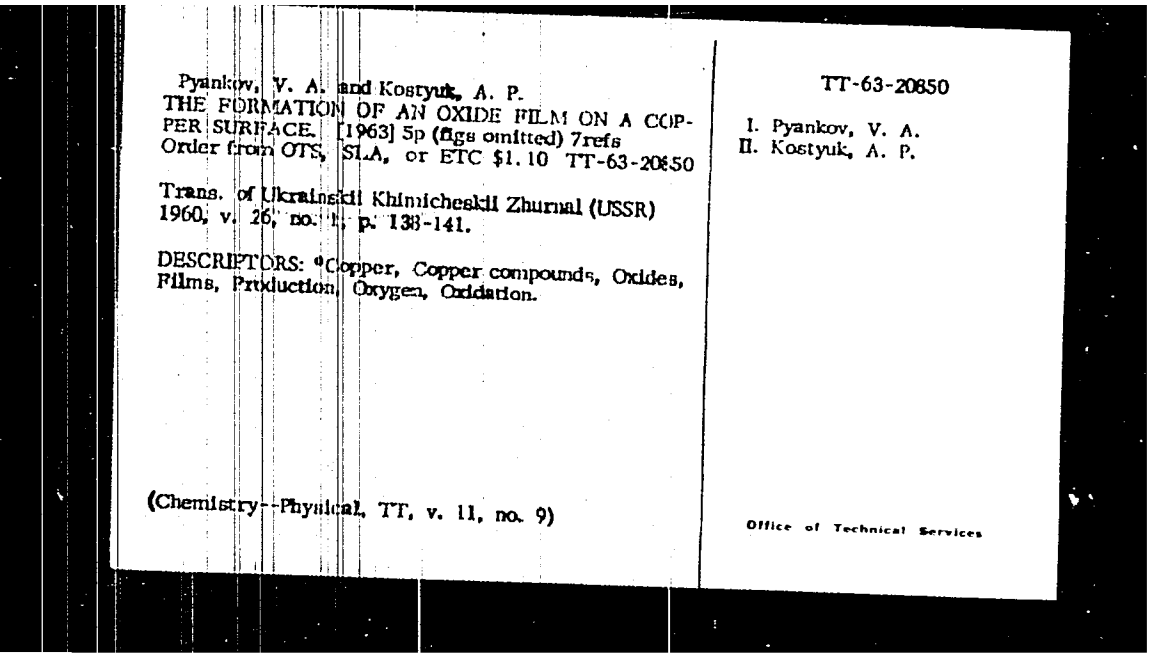
61-15066

1. Molybdenum-nickel alloys--Electrodeposition
2. Nickel-tungsten alloys--Electrodeposition
3. Oscillographs--Applications
I. Frantsevich-Zabludovskaya, T. P.
II. Zayats, A. I.
III. Barchuk, V. T.
IV. Title: Oscillographic...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Pyankov, V. A. and Kostyuk, A. P.
THE FORMATION OF AN OXIDE FILM ON A COPPER SURFACE. [1963] 5p (figs omitted) 7refs
Order from OTS, SLA, or ETC $1.10 TT-63-20850

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1960, v. 26, no. 1, p. 138-141.

DESCRIPTORS: *Copper, Copper compounds, Oxides, Films, Production, Oxygen, Oxidation.

(Chemistry--Physical, TT, v. 11, no. 9)

TT-63-20850

I. Pyankov, V. A.
II. Kostyuk, A. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

A Study of the Thermal Dissociation of Molybdenum Carbonyl. 2. The Effect of Temperature on the Carbon Content of the Molybdenum and Its Microhardness, by A. A. Rozen.
UKRAINIAN, per, Ukr Khim Zh, Vol 26, 1960, pp 151-157.
[redacted]-UR-5285

Sci-Materials
Mar 70

403,228

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Aminomethylation of Certain Aromatic Compounds, by S. E. Gornostaeva, K. A. Kornev.
RUSSIAN, per, Ukrainskii Khimicheskii Zhurnal, Vol 26, No 2, 1960, pp 227-232.
ATS-17T90R

Sci-Chem
Aug 66

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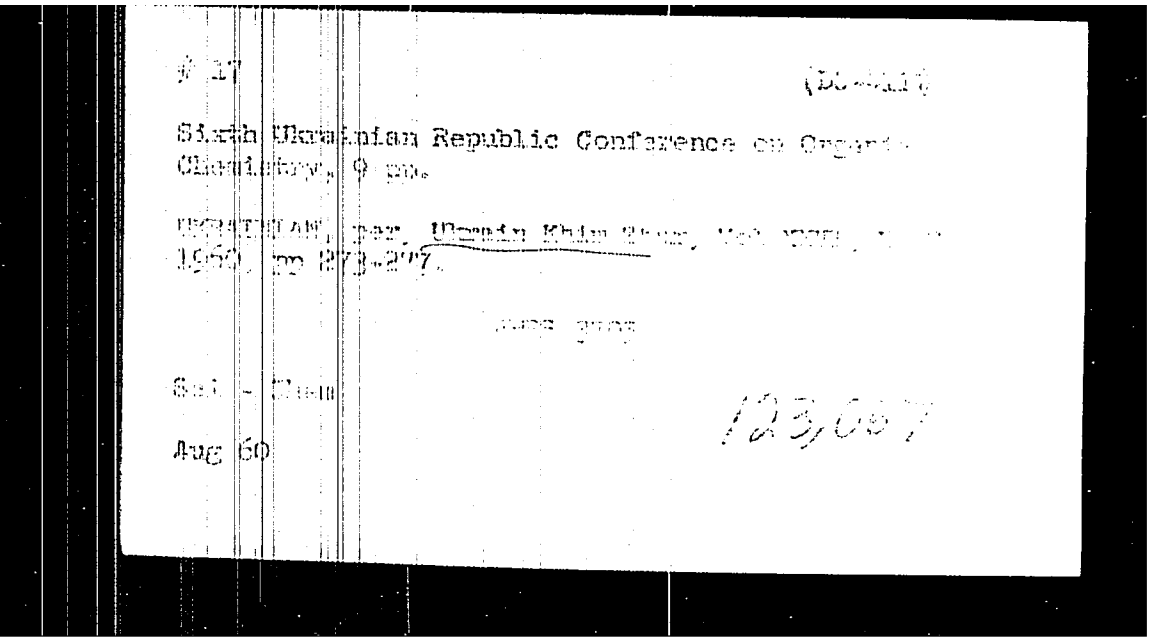
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



17

Sixth Ukrainian Republic Conference on Organi...
Chemistry, 9 pp.

...TSKIY, par. Ukrain Khim Zhur, Vol XXIV, ...
1958, pp 273-277.

...ges

Sci - Chem

Aug 60

123,057

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Vol'fson, V. Ya., Korneychuk, G. P., and Royter, V. A.
CHARACTERISTICS OF THE CATALYTIC OXIDATION OF NAPHTHALENE. 1. KINETICS OF OXIDATION OF PHTHALIC ANHYDRIDE ON A VANADIUM OXIDE CATALYST. [1960] 9p.
Order from ATS $13.30 ATS-73M47R

Trans. of Ukrain[skiy] Khim[icheskiy] Zhur[nal] (USSR) 1960, v. 26, no. 3, p. 305-313.

151513

(Chemistry--Physical, TT, v. 5, no. 8)

61-12672

1. Naphthalenes--Oxidation
2. Vanadium oxides--Catalytic properties
3. Phthalic anhydride--Oxidation
I. Vol'fson, V. Ya.
II. Korneychuk, G. P.
III. Royter, V. A.
IV. Title: Kinetics...
V. ATS-73M47R
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Slyusarov, A. T. and Gershuns, A. [P.].
SYNTHESIS OF THE GALLIC ACID ANILIDES
(Sintez Anilidov Gallevoi Kisloty). [1961] 7p. 12 refs.
Order from: CFS or SLA $1.00 61-16568

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
1960, v. 26, no. 3, pp. 364-367.

DESCRIPTORS: *Gallic acid, Anilides, Organic acid, Acids, Synthesis, Chlorides, Chemical reactions.

By the condensation of galloyl chloride with para substituted anilines nine anilides of gallic acid were obtained, seven of which are not found described in the literature. (Author)

(Chemistry--Organic, TT, v. 7, no. 8)

61-16568

I. Slyusarov, A. T.
II. Gershuns, A. P.

201396

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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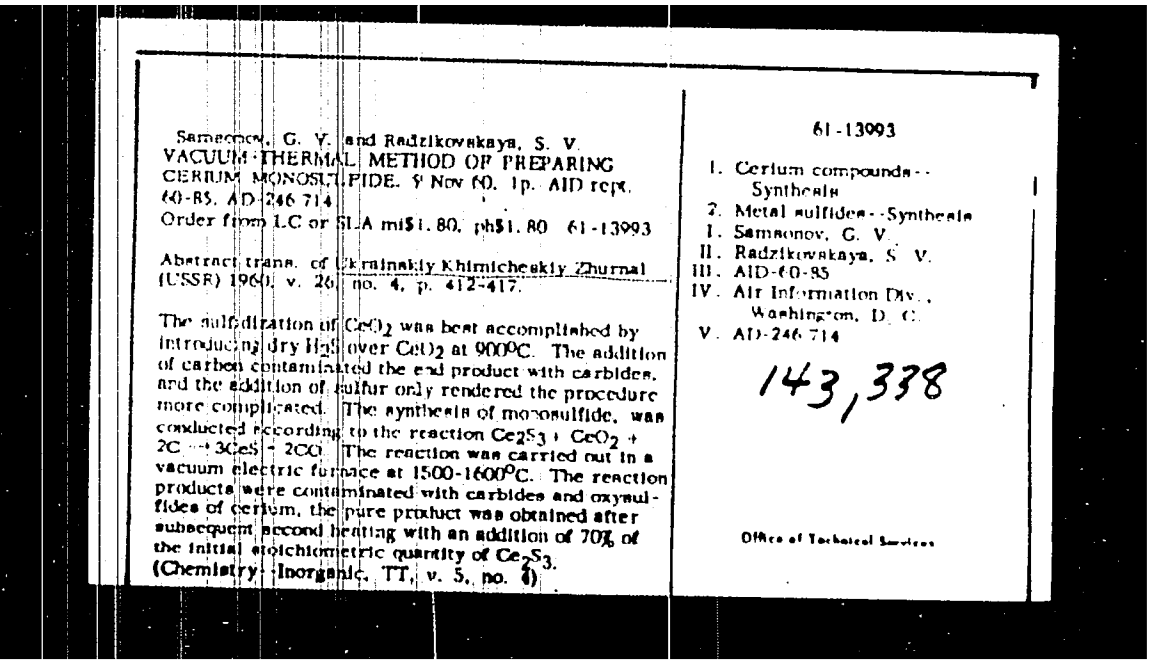


Samsonov, G. V. and Radzikovskaya, S. V.
VACUUM-THERMAL METHOD OF PREPARING CERIUM MONOSULFIDE. 9 Nov 60. 1p. AID repr. 60-85. AD-246 714
Order from LC or SLA mi$1.80, ph$1.80 61-13993

Abstract trans. of Ukrainskiy Khimicheskiy Zhurnal (USSR) 1960, v. 26, no. 4, p. 412-417.

The sulfidization of CeO_2 was best accomplished by introducing dry H_2S over CeO_2 at 900°C. The addition of carbon contaminated the end product with carbides, and the addition of sulfur only rendered the procedure more complicated. The synthesis of monosulfide, was conducted according to the reaction $Ce_2S_3 + CeO_2 + 2C \rightarrow 3CeS + 2CO$. The reaction was carried out in a vacuum electric furnace at 1500-1600°C. The reaction products were contaminated with carbides and oxysulfides of cerium, the pure product was obtained after subsequent second heating with an addition of 70% of the initial stoichiometric quantity of Ce_2S_3.
(Chemistry - Inorganic, TT, v. 5, no. 4)

61-13993

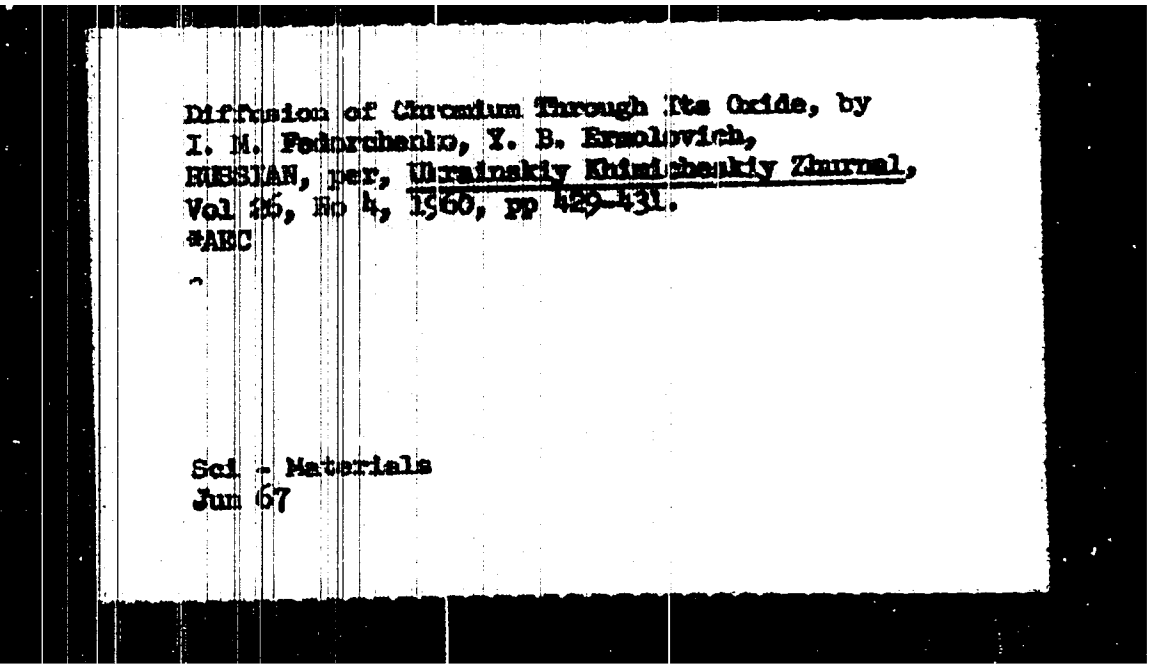
1. Cerium compounds--Synthesis
2. Metal sulfides--Synthesis
I. Samsonov, G. V.
II. Radzikovskaya, S. V.
III. AID-60-85
IV. Air Information Div., Washington, D. C.
V. AD-246 714

143,338

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Diffusion of Chromium Through Its Oxide, by
I. M. Fedorchenko, Y. B. Ermolovich,
RUSSIAN, per, Ukrainskiy Khimicheskiy Zhurnal,
Vol 26, No 4, 1960, pp 429-431.
*AEC

Sci - Materials
Jun 67

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Kornelchuk, G. P., Roiter, V. A. and others.
[CHARACTERISTICS OF THE CATALYTIC OXIDATION OF NAPHTHALENE. II. INVESTIGATION OF THE OXIDATION OF NAPHTHALENE IN DEEP BEDS OF VANADIA CATALYSTS. [1962] 8p.
Order from ATS $15.40 ATS-46N53R

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1960, v. 26, no. 4, p. 457-459.

DESCRIPTORS: *Naphthalenes, Oxidation, Catalysis, Vanadium catalysts, Oxides.

See also ATS-73M47P.

(Chemistry--Organic TT, v. 7, no. 11)

62-12786

I. Kornelchuk, G. P.
II. Roiter, V. A.
III. Title: Investigation...
IV. Title: Peculiarities of the Catalytic...
V. ATS-46N53R
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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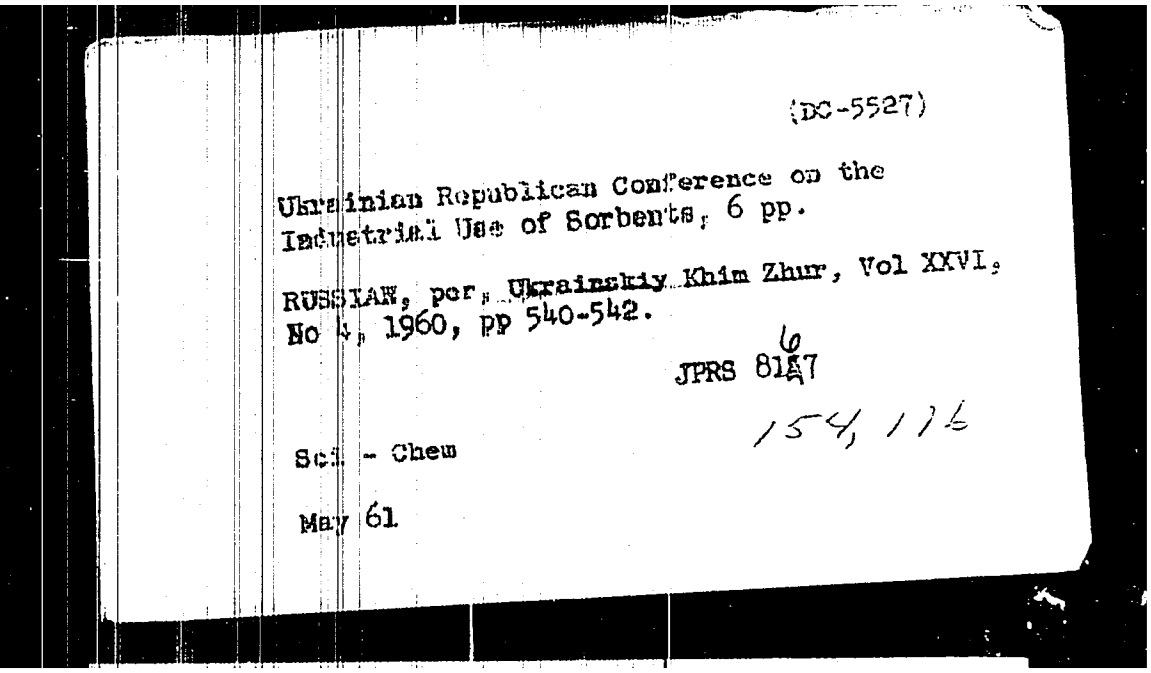

(DC-5527)

Ukrainian Republican Conference on the Industrial Use of Sorbents, 6 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXVI, No 4, 1960, pp 540-542.

JPRS 8167

154, 116

Sci - Chem

May 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Vol'fson, V. Ya., Kornelchuk, G. P. and others. [CHARACTERISTICS] OF THE CATALYTIC OXIDATION OF NAPHTHALENE. III. KINETICS OF THE OXIDATION OF NAPHTHALENE IN DEEP BEDS OF VANADIA CATALYSTS. [1962] 6p.
Order from ATS $9.45 ATS-47N53R

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR) 1960, v. 26, no. 5, p. 588-593.

DESCRIPTORS: *Naphthalenes, Oxidation, Catalysis, Vanadium catalysts, Oxides.

See also ATS-46N53R

(Chemistry--Organic, TT, v. 7, no. 11)

62-12787

I. Vol'fson, V. Ya.
II. Kornelchuk, G. P.
III. Title: Kinetics...
IV. Title: Peculiarities of the Catalytic...
V. ATS-47N53R
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Gorokhovatskii, Ya. B. and Rubanik, M. Ya.
ELECTRONIC MECHANISM OF INTERACTION OF OXYGEN AND ETHYLENE WITH SILVER
(Elektronnyi Mekhanizm Vzaimodeistviya Kisloroda i Etilena s Serebrom) tr. by J. P. Ruban. [1962] [12]p. (foreign text included) 10 refs. [CSIRO] Trans. 5665.
Order from OTS or SLA $1.60 62-24625

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1960, v. 26, no. 5, p. 594-599.

DESCRIPTORS: Adsorbents, Adsorption, *Oxygen, *Ethylenes, *Silver, Catalysts, Catalysis, Electrochemistry.

By measuring the difference of the contact potential it was found that oxygen when chemically adsorbed by silver attracts silver electrons and becomes negatively charged. Ethylene is chemically adsorbed by (Chemistry--Physical, TT, v. 8, no. 4) (over)

62-24625

I. Gorokhovatskii, Ya. B.
II. Rubanik, M. Ya.
III. CSIRO Trans-5665
IV. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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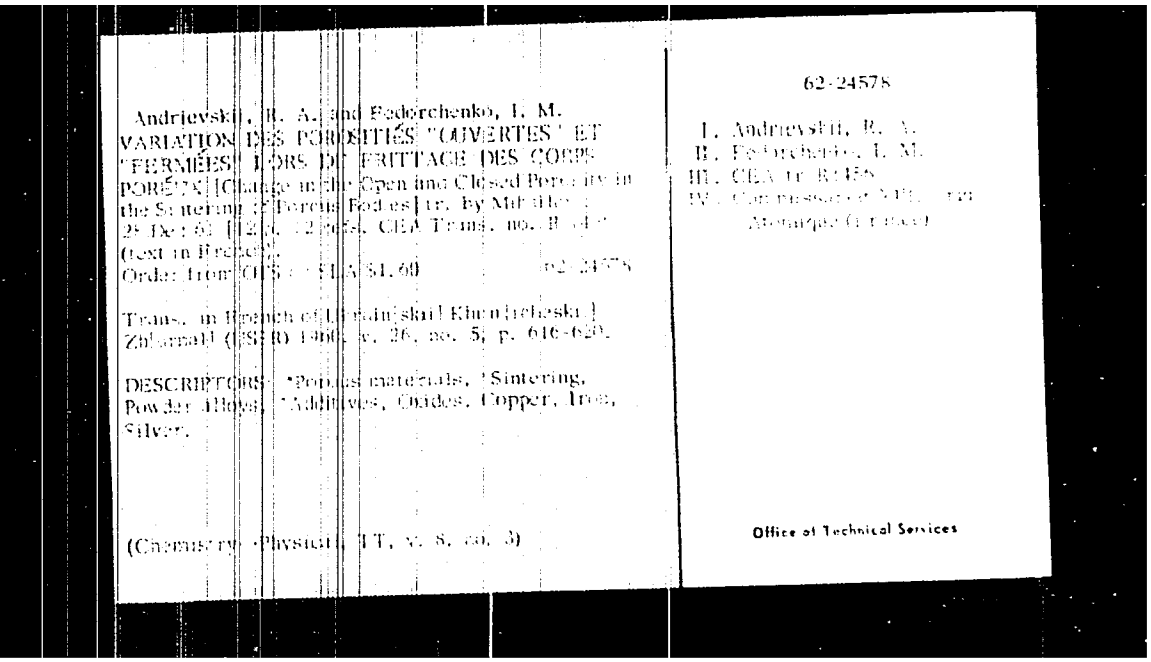

Andrievskii, R. A. and Fedorchenko, I. M.
VARIATION DES POROSITÉS "OUVERTES" ET "FERMÉES" LORS DU FRITTAGE DES CORPS POREUX [Change in the Open and Closed Porosity in the Sintering of Porous Bodies] tr. By Mulliken, 28 Dec 62 [12] p. 2 refs. CEA Trans. no. [illegible]
(Text in French)
Order from: OTS - $1.75 61.60 62-24578

Trans. in Russian of Ukrainskii Khimicheskii Zhurnal (USSR) 1960, v. 26, no. 5, p. 616-620.

DESCRIPTORS: *Powder materials, *Sintering, Powder alloys, *Additives, Oxides, Copper, Iron, Silver.

(Chemistry-Physical, TT, v. 8, no. 3)

62-24578

I. Andrievskii, R. A.
II. Fedorchenko, I. M.
III. CEA tr. R-[illegible]
IV. Ukrainskii Khimicheskii Zhurnal (USSR)
Monotype (Russian)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

On the Constancy of Tangential Rupture in a Rarefied Plasma, by L. D. Pichakhchi, 8 pp.

[illegible], per, [illegible], Vol VI, No 1, 1961, pp 86-92. 9669413

FTD-TT-63 1[illegible]2

Bdl-Phys
July 63

235,831

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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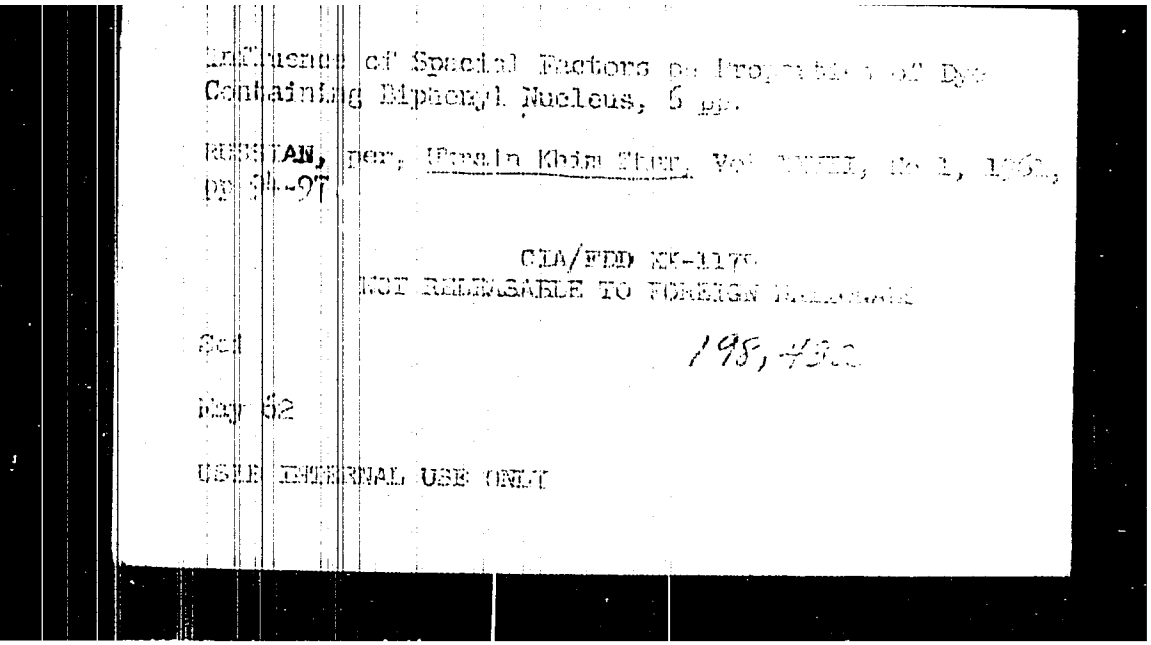

Influence of Special Factors on Properties of Dye Containing Diphenyl Nucleus, 5 pp.

RUSSIAN, per, Zhurn Khim Prom, Vol XXXII, No 2, 1955, pp 94-97

CIA/FDD ZZ-1170
NOT RELEASABLE TO FOREIGN NATIONALS

Sol

198,430

May 62

USER INTERNAL USE ONLY

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Crystalline Double Salts of Lead Iodide, by
A. M. Golub, G. I. Golodets, 7 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXVII, No 2,
1961, pp 138-141.

CIA/FDD XX-1313
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Sci ~~Phys~~

Dec 62

218,170

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Ostroverkhov, V. G. and Shilov, E. A.
ÉTUDE SUR LA THÉORIE DES ADDITIONS NUCLÉOPHILES. VII. DE LA POSSIBILITÉ DE RÉACTIONS D'ADDITION SOUS L'ACTION D'AGENTS NUCLÉOPHILES FAIBLES SUR DES MOLÉCULES À LIAISON DOUBLE (Issledovanie po Teorii Nukleofil'nykh pri Soedinenii VII) (Theory of Nucleophilic additions. VII. Possibility of addition in the Action of Weak Nucleophiles on Molecules with double Bonds). 9p (foreign text included) 10 refs FR-2332.
Order from OTS, BTC or CNRS $0.80 62-26428

Trans. in French of Ukrainskii Khimicheskii Zhurnal (USSR) 1961, v. 27, no. 2, p. 209-212.

DESCRIPTORS: Molecules, Chemical bonds, *Addition reactions.

(Chemistry, TT, v. 10, no. 10)

62-26428

I. Ostroverkhov, V. G.
II. Shilov, E. A.
III. F/R-2332
IV. Centre National de la Recherche Scientifique
V. Title: Possibility . . .

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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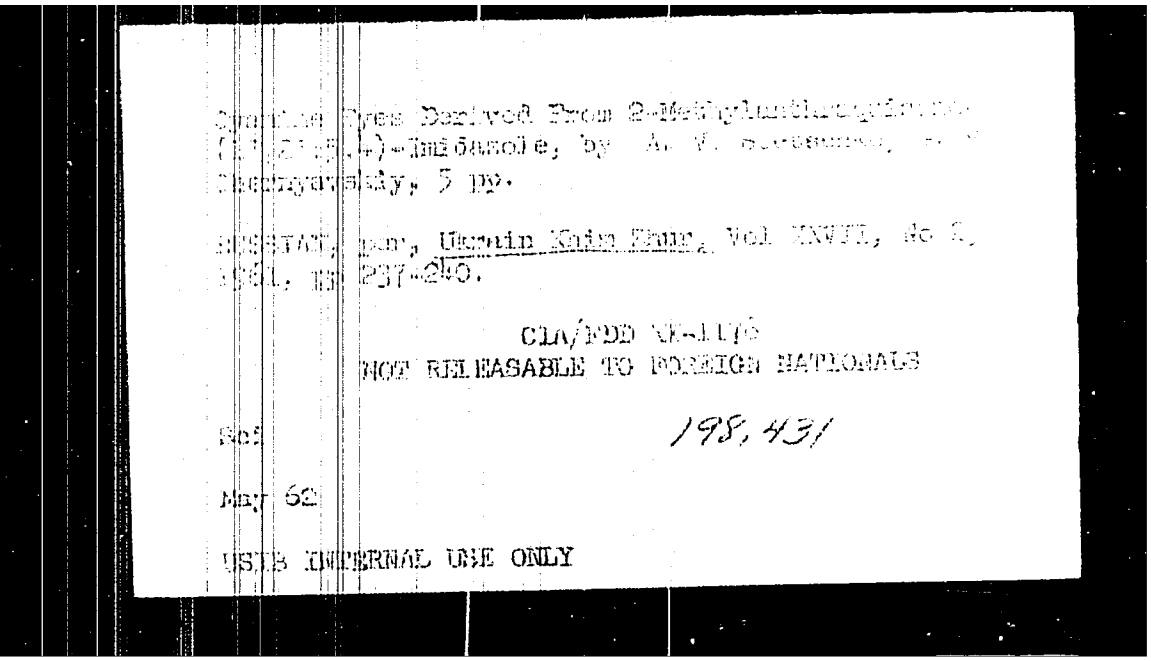

Spectral Data Derived From 2-Methylmercapto-
(2',3',5,4)-Imidazole, by A. V. [illegible]
Khodzayev, 5 pp.

BIOSTAT, Pam, Ukrain Khim Zhur, Vol XXVII, No 2,
1961, pp 237-240.

CLASSIFIED SECRET
NOT RELEASABLE TO FOREIGN NATIONALS

198,431

No

May 62

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

(SF-1878)

Sergey Stepanovich Urazovskiy, by A. Ye. Lutskiy, V. I. Atroshchenko, A. V. Vorcnov, 9 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XXVII, No 2, 1961, pp 274-278.

JPRS 4780

USSR

Biog

Aug 61

162,152

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

(SF-1878)

The Fourth Ukrainian Conference on Physical Chemistry, by A. S. Afanas'yev, 5 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXVII, No 4, 1961.

JPRS 13033

Sci - Misc

189,482

Mar 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Babenko, A. S. and Tolmachev, V. N.
TRIPLE COMPLEX COMPOUNDS IN THE METAL ION-NITRON-(THIOCYANOGEN) ION SYSTEM. [1963] 14p 43refs
Order from OTS, SLA, or ETC $1.60 TT-64-10711

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1961, v. 27 [no. 6] p. 732-739. (Abstract available)

DESCRIPTORS: *Complex compounds, *Sequestering agents, *Thiocyanates, Nitrogen compounds, Ethylenes, Chlorides, Metals, Chemical analysis.

Complexing in the metal ion-nitron-thiocyanate system was investigated qualitatively. Of 62 metal ions tested, 23 ions form triple complexes extractable with ethylene dichloride. Thirteen metal ions form colored extractable complexes for which absorption spectra were obtained. On the basis of a comparison of the data in the literature and experimental results the conclusion may
(Chemistry--Analytical, TT, v. 11, no. 9) (over)

TT-64-10711

1. Title: Nitron thiocyanate
I. Babenko, A. S.
II. Tolmachev, V. N.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Reaction of the Derivatives of Symmetrical Triazine. 1. Studies on the Reaction of Cyanuric Acid With the Alpha-oxides.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXVIII, No 1, 1962, pp 94-101.

Possibly to Come From Contacts
per 10 Dec 62 memo
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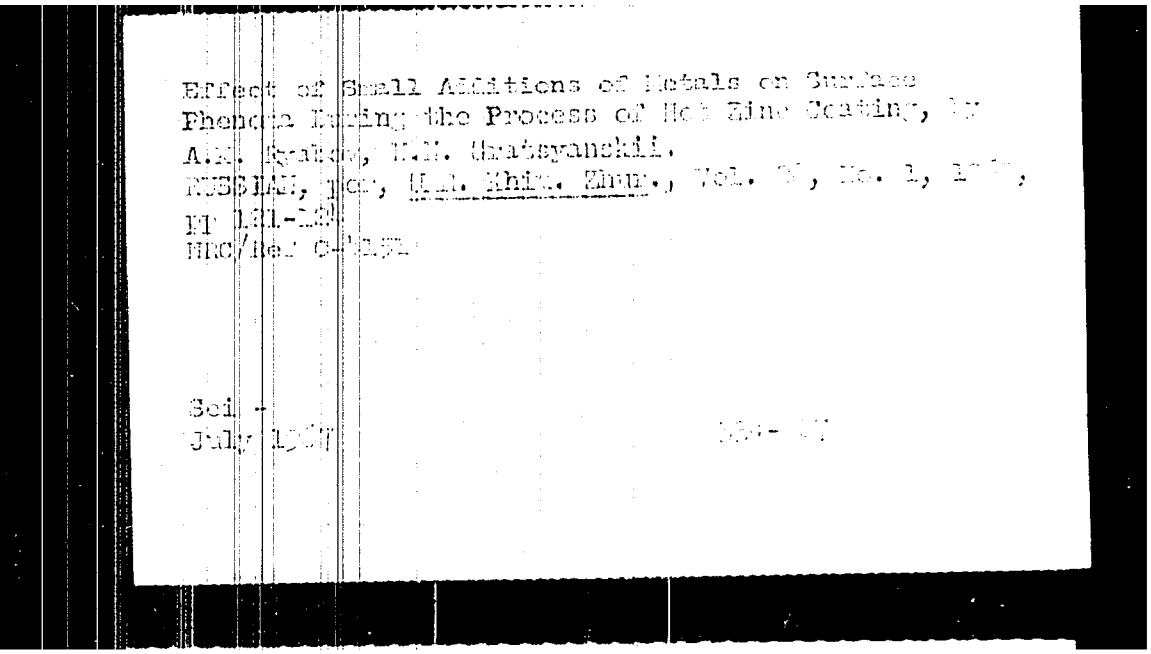
Sci - Chem

Dec 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



Effect of Small Additions of Metals on Surface Phenomena During the Process of Hot Zinc Coating, by
A.M. Kvatkov, M.M. Ukhteyanskii.
RUSSIAN, [illegible], [illegible]. Khim. Zhur., Vol. [illegible], No. 1, [illegible],
pp 131-138.
NRC/Ref C-[illegible]

Sci -
July [illegible]

[illegible]

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

A Study of the Silver Sulfite Complex, by
A. M. Nazaretyan, F. K. Andryushchenko, 5 pp.

UKRAINIAN, per, Ukrainkskiy Khim Zhur, Vol XXIX, No 5, 1963, pp 484-487.

CIA/FDD XX-1582
NO FOREIGN DISSEM

Sci
Oct 64
USIB Internal Use Only

267,709

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

The Mass-Spectrometric Investigation of the Degassing of Molybdenum, Tungsten and Niobium when Heated in a Vacuum, by L. M. Ryabchikov, 16 pp.
RUSSIAN, per, Ukr. Fiz. Zh, Vol 9, 1964, pp 293-302. P911303667
AEC OTRL Tr-1702

Sci-Chem
Sept 67

341,532

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Interaction of Dyes With High-Molecular Substances, by M. V. Savostyanova, 59 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXXII, No 10, 1963, pp 1233-1269.

CIA/FDD XX-1654
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,433

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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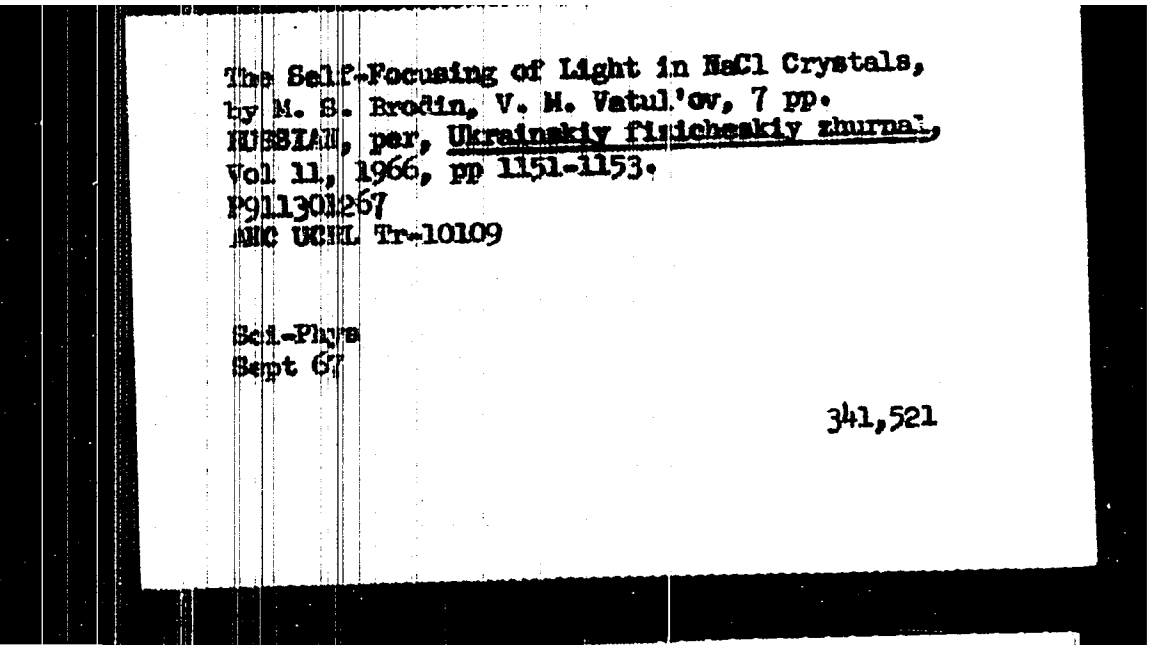

The Self-Focusing of Light in NaCl Crystals,
by M. S. Brodin, V. M. Vatul'ov, 7 pp.
RUSSIAN, per, Ukrainskiy fizicheskiy zhurnal,
Vol 11, 1966, pp 1151-1153.
P91130267
AEC UCRL Tr-10109

Sci-Phys
Sept 67

341,521

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Rhodanide Cpmplexes of Thallium. Communication No II, by A. M. Golub, Ye. P. Skorobogat'ko.
UKRAINIAN, per, Ukr Khim Zh, Vol 27, No 1, 1961, pp 16-22.
NTC 69-12472-07B

Sci-Chem
Aug 69

388,520

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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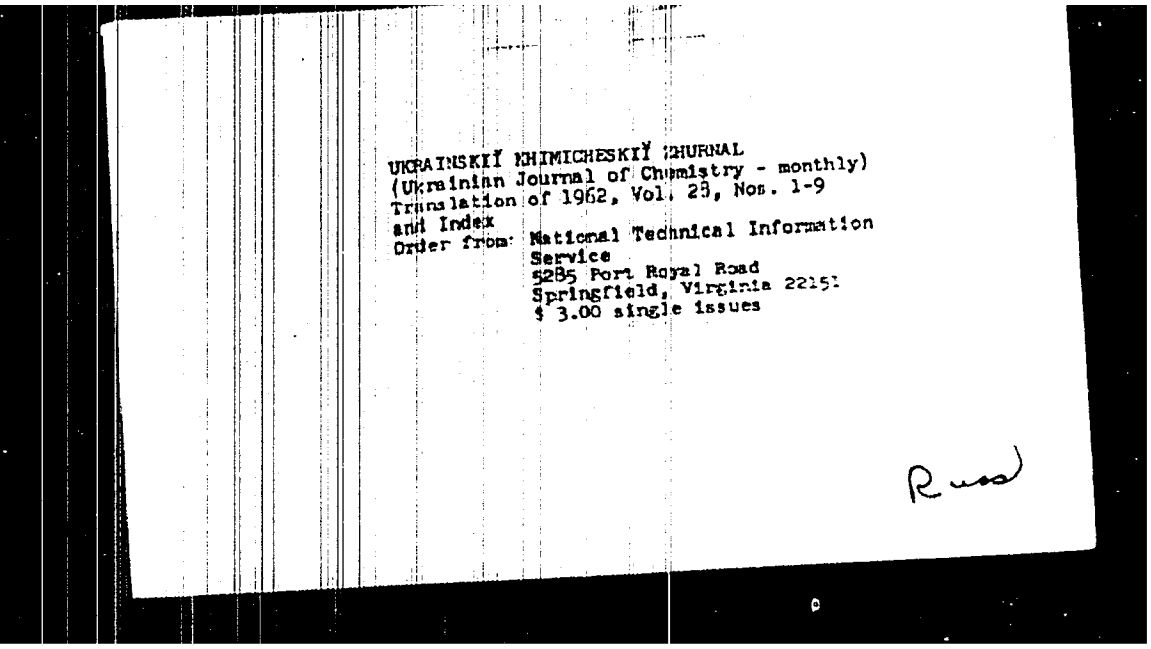

UKRAINSKIĬ KHIMICHESKIĬ ZHURNAL
(Ukrainian Journal of Chemistry - monthly)
Translation of 1962, Vol. 28, Nos. 1-9
and Index
Order from: National Technical Information
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5285 Port Royal Road
Springfield, Virginia 22151
$ 3.00 single issues

Rusd

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

THE PRESENT STATE AND TASKS OF INORGANIC CHEMISTRY IN THE UKRAINE, BY YU. K. DELIMARSKIY, I. A. SHEKA, 23 PP.

RUSSIAN, PER, UKRAIN KHIM ZHUR, VOL XXVIII, NO 1, 1962, PP 3-14.

NLL TR BULLETIN
VOL 4, NO 3, 1962

SCI - CHEM

212,998

OCT 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

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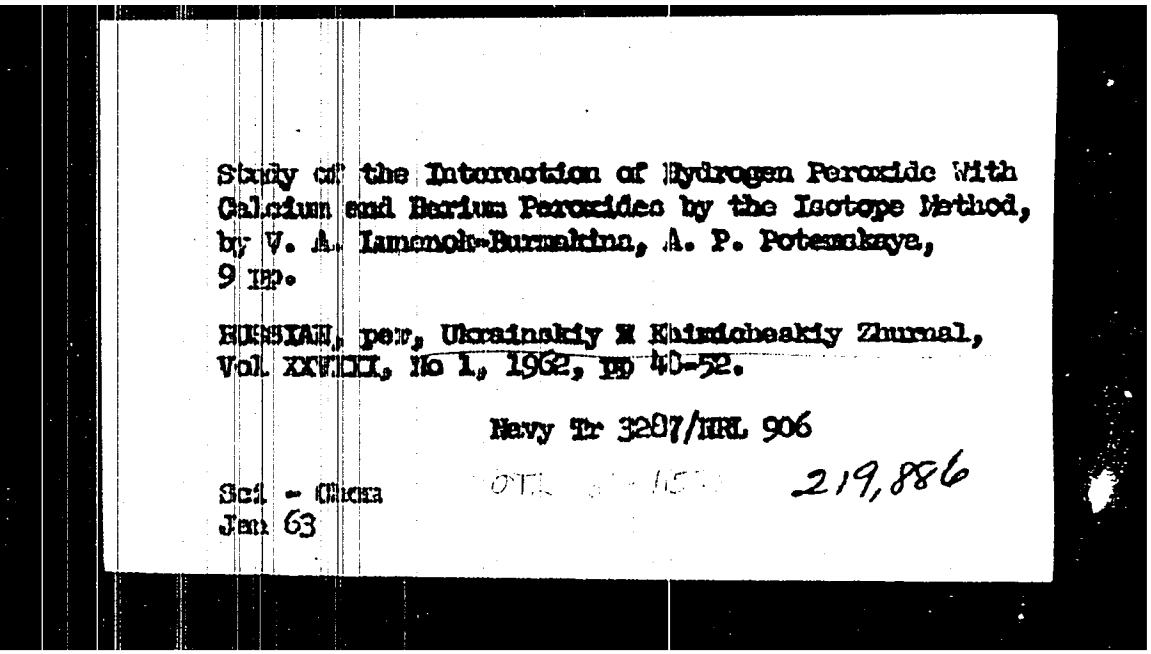


Study of the Interaction of Hydrogen Peroxide With Calcium and Barium Peroxides by the Isotope Method, by V. A. Iamenok-Burmakina, A. P. Potesskaya, 9 pp.

RUSSIAN, per: Ukrainskiy Khimicheskiy Zhurnal, Vol. XXVIII, No 1, 1962, pp 40-52.

Navy Tr 3287/HRL 906

219,886

Sci - Chem
Jan 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

(SF-1878)

Nikolay Arkad'yevich Izmaylov, by
A. M. Shkodin, V. V. Aleksandrov, etc.,
31 pp.

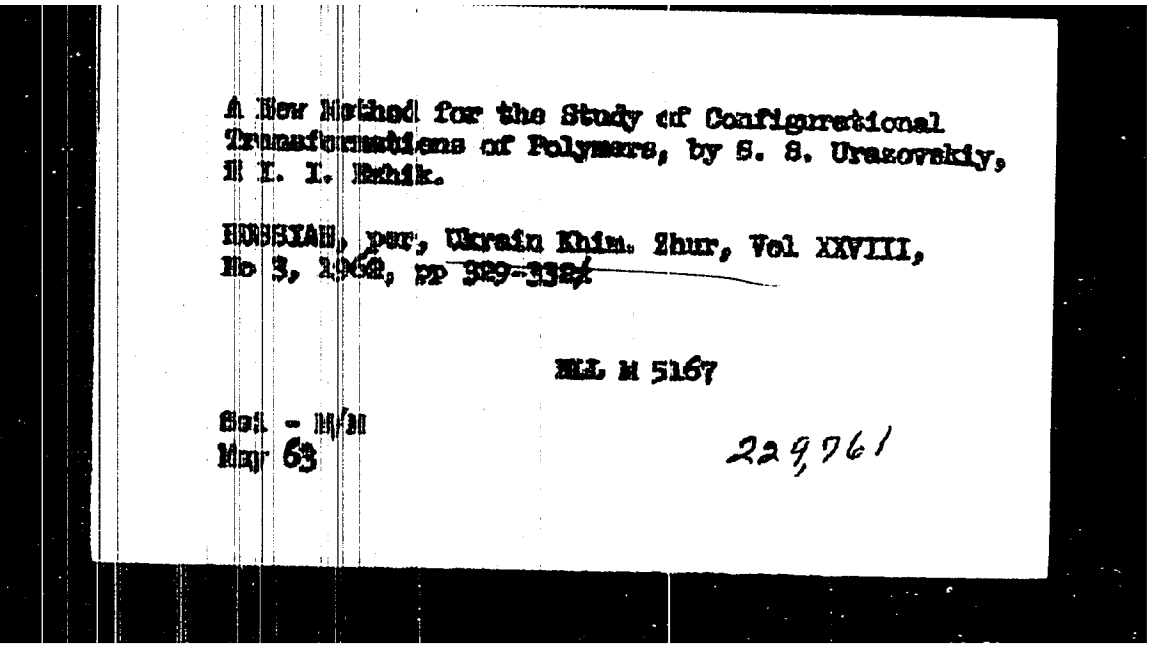
RUSSIAN, per, Ukrainskiy Khim Zhur, No 2,
1962, pp 271-282.

JPRS 14831

USSR
Biog
Aug 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3



A New Method for the Study of Configurational Transformations of Polymers, by S. S. Urazovskiy, B. I. Rabik.

[illegible], per, Ukrain Khim. Zhur, Vol XXVIII, No 3, 1962, pp 329-332

MIL M 5167

Biol - Med
May 63

229761

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

(DC-6950)

SEVENTH UKRAINIAN REPUBLIC CONFERENCE ON ORGANIC CHEMISTRY, 17 PP.

RUSSIAN, PER, UKRAINSKIY KHIMICHESKIY ZHURNAL, VOL XXVIII, NO 3, 1962, PP 412-417.

JPRS 14745

SCI - CHEM

AUG 62

206,210

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3

Investigation of the Partial Pressure of Beryllium Chloride Vapour in a Mixture with Sodium and Potassium Chlorides, by I. N. Sheiko, V. G. FesHKhchenko.

RUSSIAN, per, Ukrain KI Khim Zhur, Vol XXVIII, no 4, 1962, pp 478-483.

*AERE-Harwell-Tr-1063

Sci - Phys

Jul 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220026-3